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EXECUTIVE DOCUMENTS

PRINTED BY ORDER OF

THE HOUSE OF REPRESENTATIVES

DURING THE

THIRD SESSION OF THE FORTIETH CONGRESS,

1868-'69.

IN FOURTEEN VOLUMES.

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Volume 2.....	No. 1.	Interior.
Volume 3.....	No. 1.	War: Parts 1 and 2.
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Volume 5.....	Nos. 2 and 3.	
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Volume 10.....	No. 52.	Patents: Parts 1, 2, 3 and 4.
Volume 11.....	No. 71.	Coast Survey.
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THE EXECUTIVE DOCUMENTS

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**40TH CONGRESS, }
3d Session.**

HOUSE OF REPRESENTATIVES.

**{ Ex. Doc.
No. 52.**

ANNUAL REPORT

OF THE

COMMISSIONER OF PATENTS,

FOR

THE YEAR 1868.

VOLUME III.

**WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1869.**

IN THE HOUSE OF REPRESENTATIVES,
April 9, 1869.

Resolved by the House of Representatives, (the Senate concurring,) That there be printed thirty thousand extra copies of the next Report of the Commissioner of Patents, of which seventeen thousand shall be for the use of the House, eight thousand for the use of the Senate, and five thousand for the use of the Commissioner of Patents.

Attest:

EDW. MCPHERSON, *Clerk.*

IN SENATE OF THE UNITED STATES,
December 9, 1869.

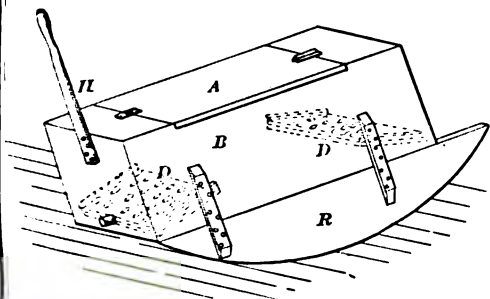
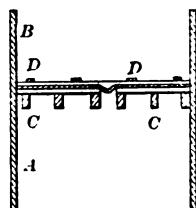
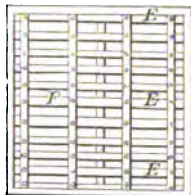
Resolved, That the Senate agree to the resolution of the House of Representatives relative to printing the Report of the Commissioner of Patents.

Attest:

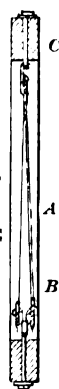
GEO. C. GORHAM, *Secretary.*

ILLUSTRATIONS OF PATENTS.

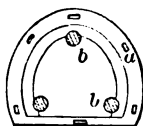
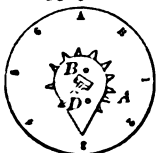
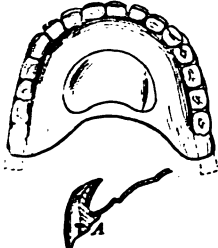
72959—H. W. Adams—Churn.

72960—J. Barbian—
Ice House Floor.

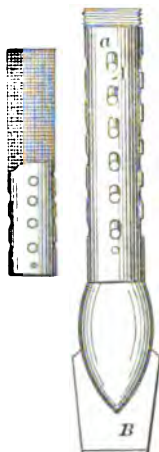
72967—J. C. Brown—Loom Harness.



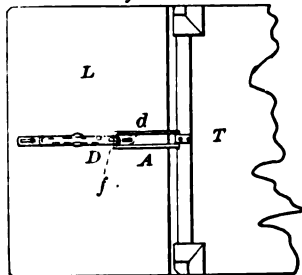
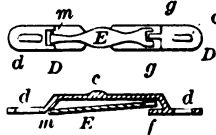
72963—G. Beaty—Boot and Shoe Heel.

72966—Boynton & McGaw—Removing
Burs and other Vegetable Matter from
Wool.72965—V. W. Blanchard—
Baggage Check.72968—T. Y. Brown—
Fastening Artificial Teeth.

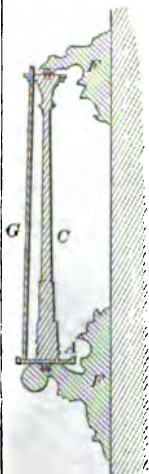
72962—Burr & McQuire—Well.



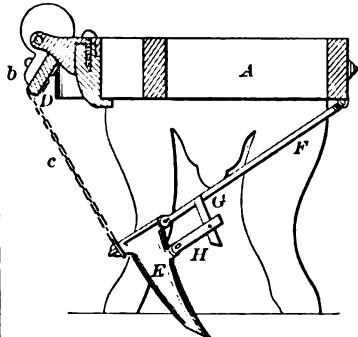
72970—D. Bull—Table Leaf Support.



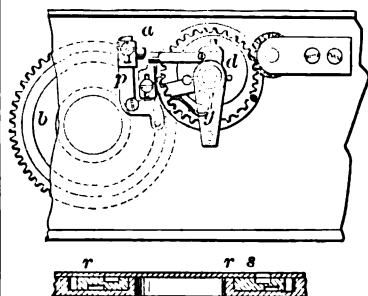
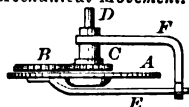
72969—E. Brunswick—Billiard Cue Rack.



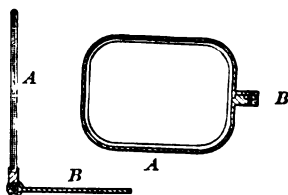
72971—Bundel & Williams—Seed Planter.



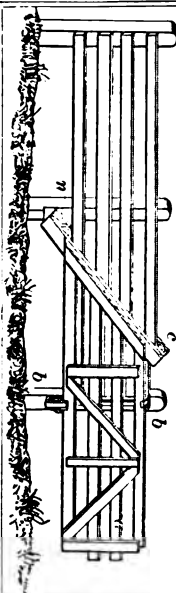
72974—W. Chicken—Sewing Machine.

72972—H. C. Burk—
Mechanical Movement.

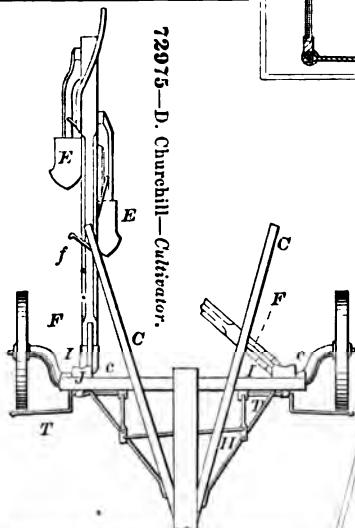
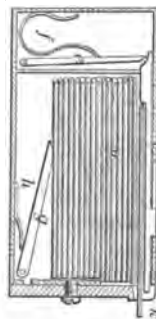
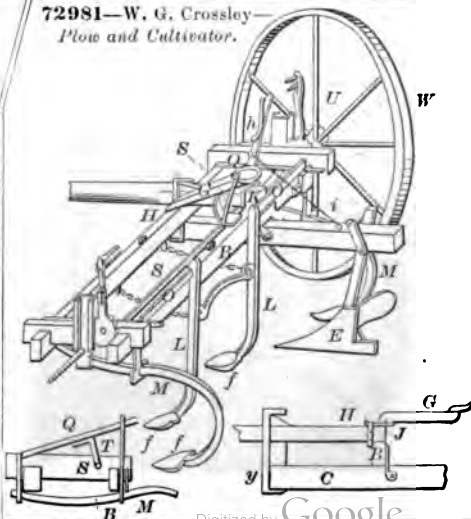
72978—E. M. Colo—Eye Glass.



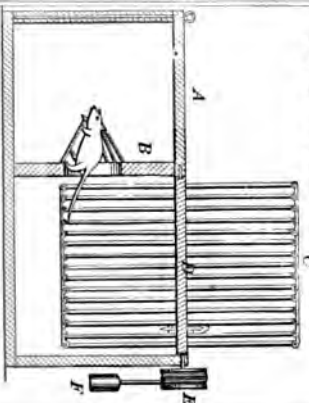
72976—W. D. Clark—Farm Gate.



72975—D. Churchill—Cultivator.

72973—P. D. M. Carmichael—
Match Safe.72981—W. G. Crossley—
Plow and Cultivator.

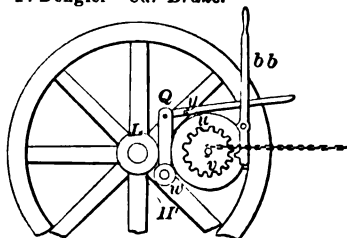
72979—W. Cover—Animal Trap.



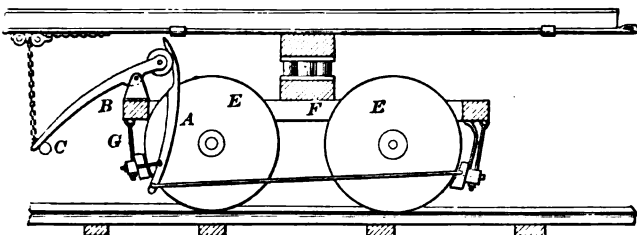
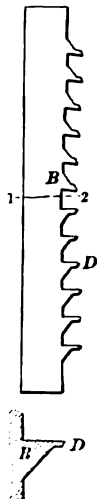
72982—T. Cullen—*Cartridge for Small Arms.*



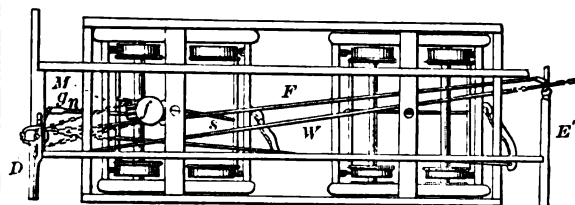
72984—F. Dengler—*Car Brake.*



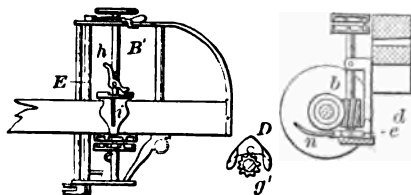
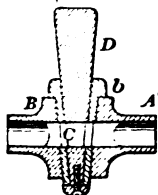
72983—J. Davis—*Saw.*



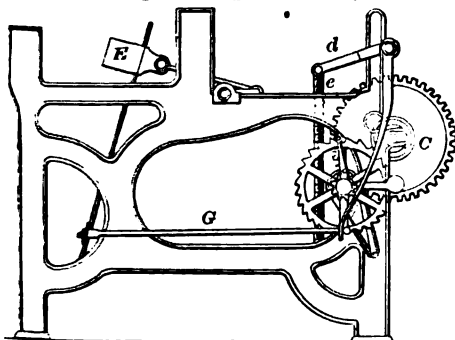
72985—Dick & Preston, Jr.—*Car Brake.*



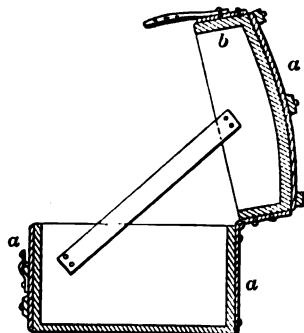
72986—J. Doering—*Stop Cock.*

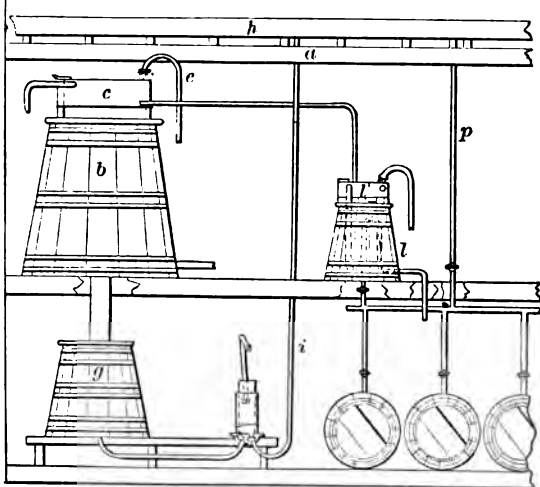
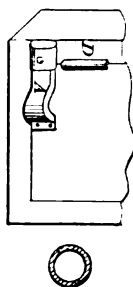
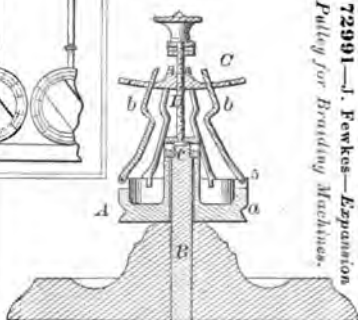
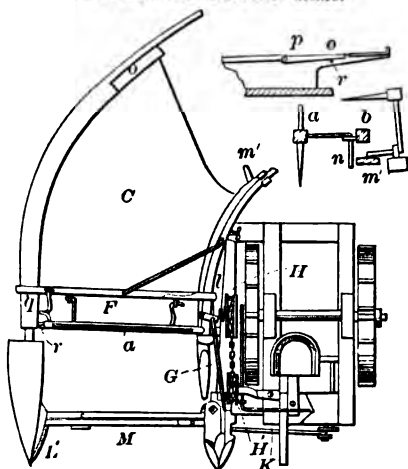
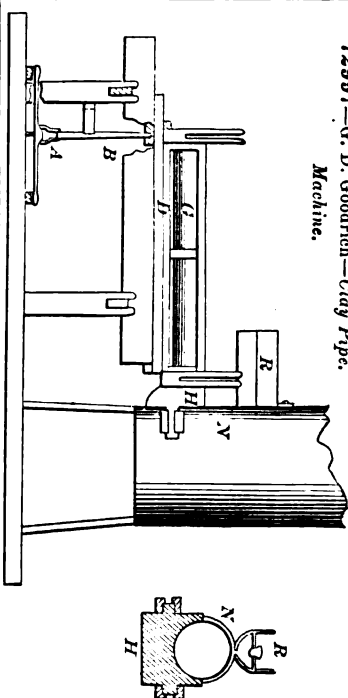
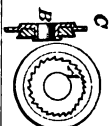
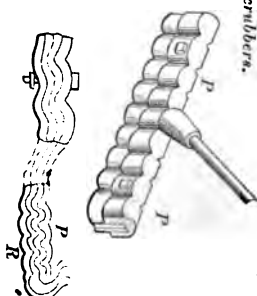


72987—G. Draper—*Let-off Mechanism for Looms.*

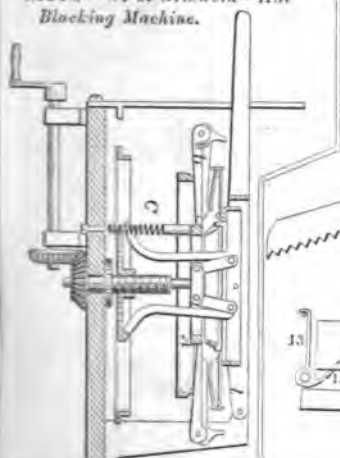


72988—J. S. Eaton—*Trunk.*

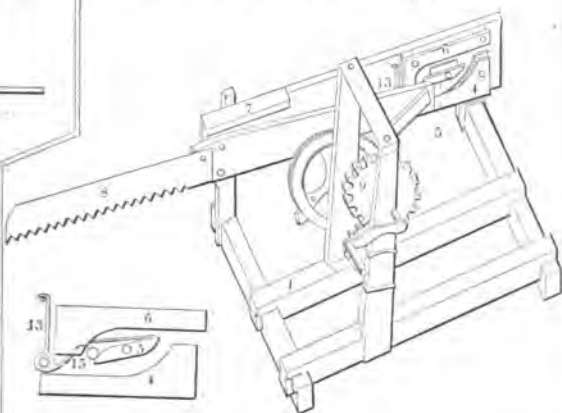


72989—W. H. Elliott—*Brewing.*72992—B. G. Fitzhugh—*India Rubber Door Spring.*72991—J. Fewkes—*Expansion Pulley for Bounding Machines.*72990—V. H. Felt—*Harvester Rake.*72997—G. D. Goodrich—*Clay Pipe Machine.*72995—L. M. Gilbert—*Scissors Sharpeners.*72993—L. Pickenstine—*Holder for Gum Scrubbers.*

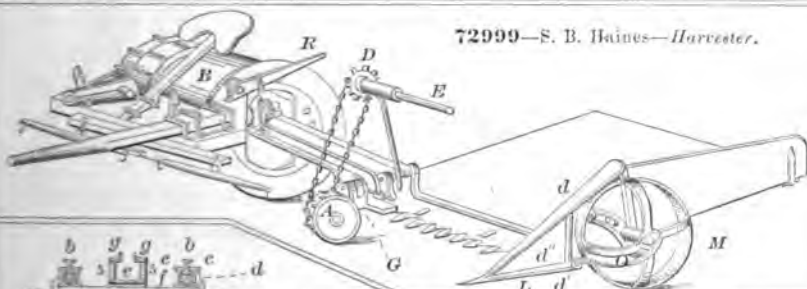
72998—W. C. Griswold—*Hat Blocking Machine.*



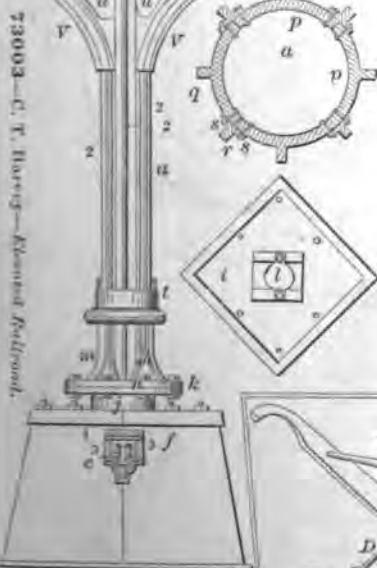
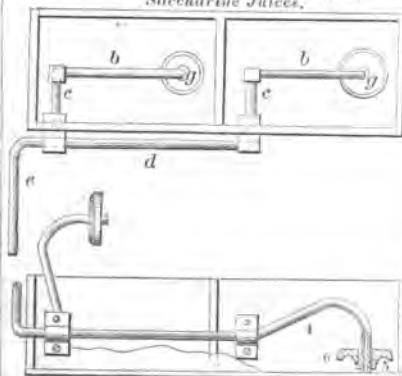
73000—J. R. Harmon—*Sawing Machine.*



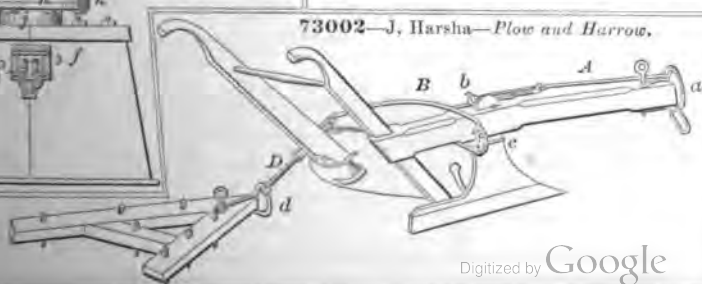
72999—S. B. Haines—*Harvester.*



73001—L. P. Harris—*For Clarifying Saccharine Juices.*

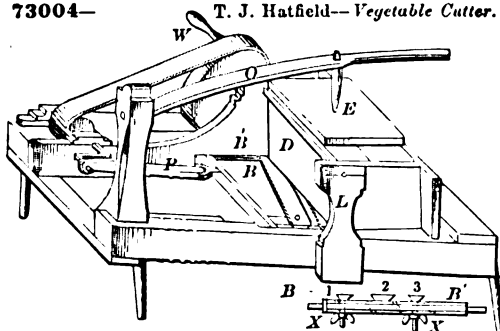


73002—J. Harsha—*Plow and Harrow.*

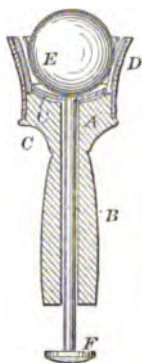
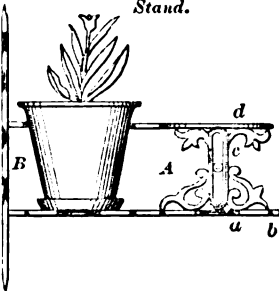


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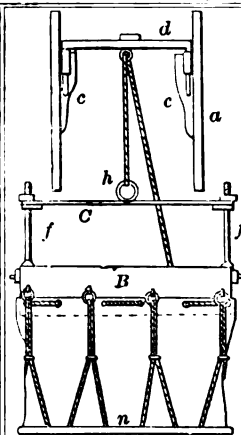
T. J. Hatfield—Vegetable Cutter.



73005—C. J. Hauck—Flower Stand.

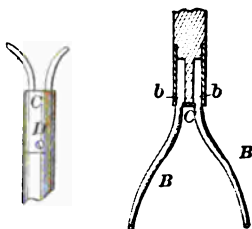


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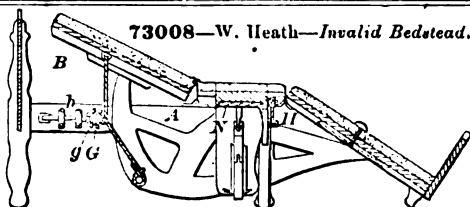
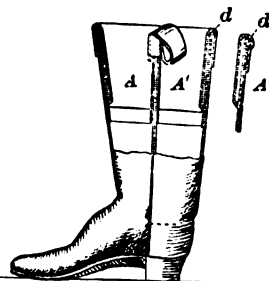


73007—E. Hawthorne—Fire Escape.

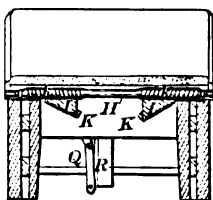
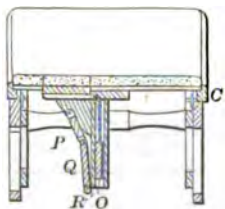
73009—J. G. Hitchcock—Hay Fork.



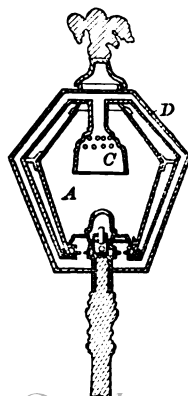
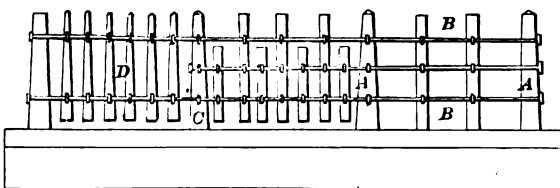
73010—J. Holland—Boot.



73008—W. Heath—Invalid Bedstead.

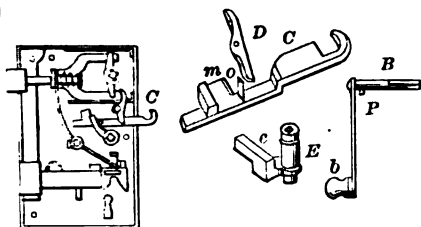


73011—D. S. Humphrey—Field Fence.

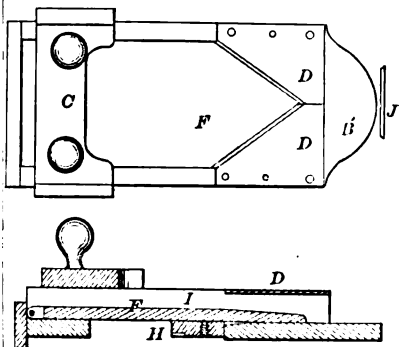


73012—J. H. Irwin—Lantern.

73013—A. Iske—Door Alarm Lock.



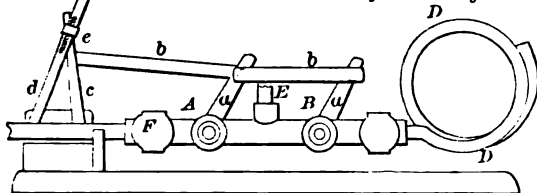
73017—Madden & Haserot—Bread Cutter.



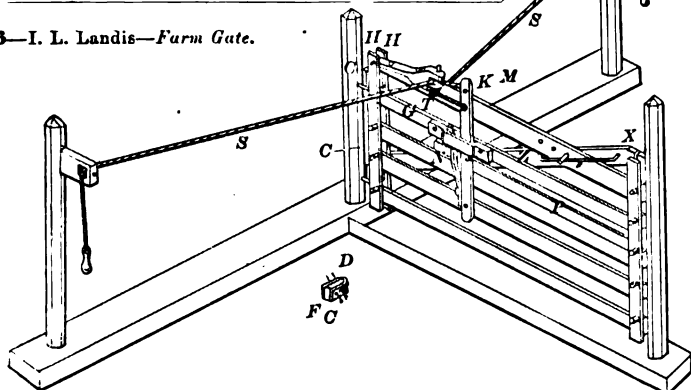
73014—J. F. Johnson—Jar Cover Fastening.



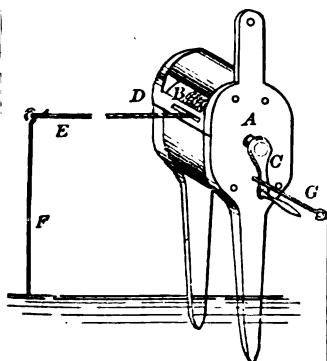
73015—Kafer & De Lacy—Fire Engine Water Heater.



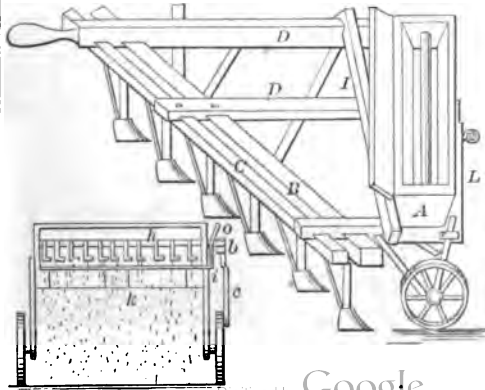
73016—I. L. Landis—Farm Gate.



73019—L. Martin—Line Reel.

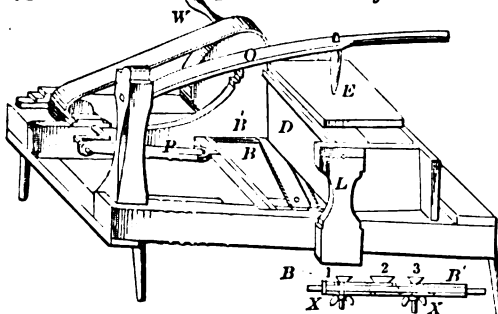


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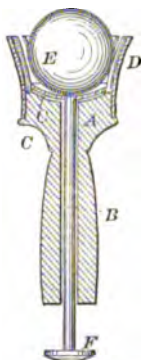
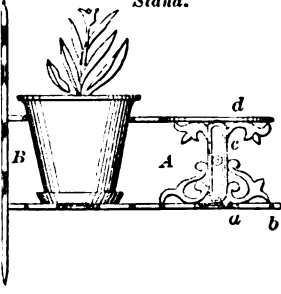


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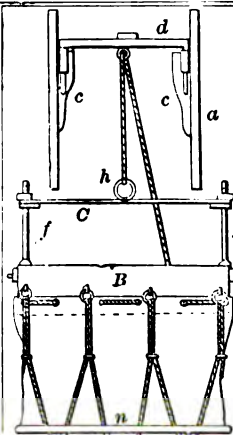
T. J. Hatfield—Vegetable Cutter.



73005—C. J. Hauck—Flower Stand.

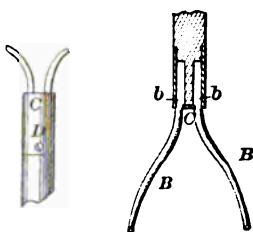


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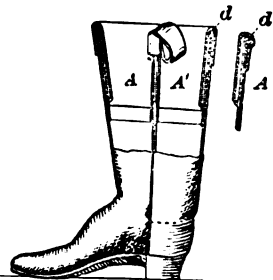


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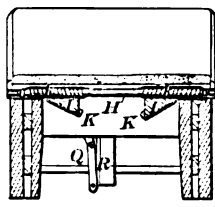
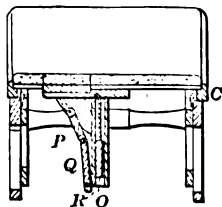
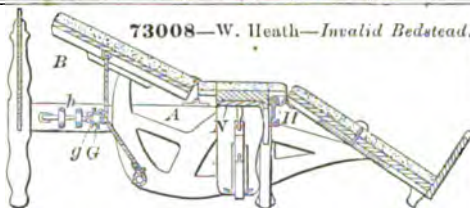
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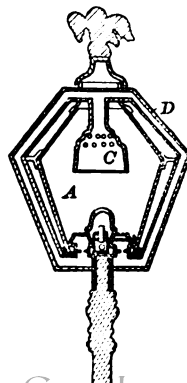
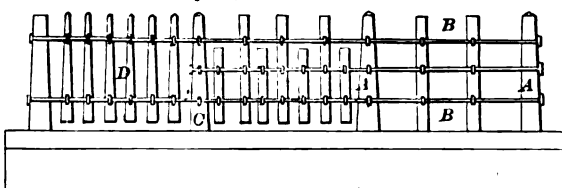
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73008—W. Heath—Invalid Bedstead.

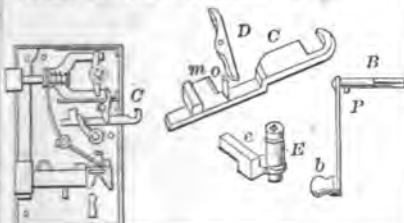


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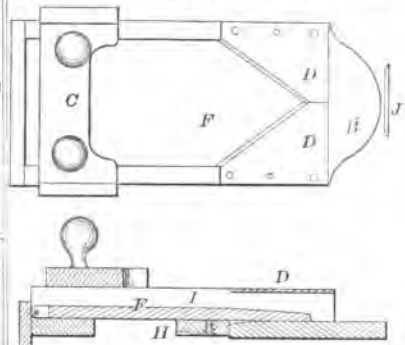


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73013—A. Iske—Door Alarm Lock.



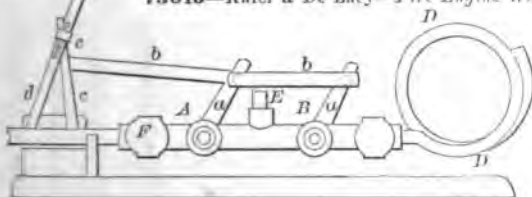
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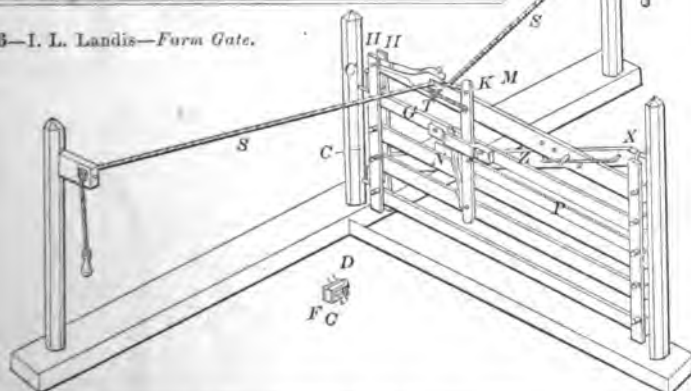
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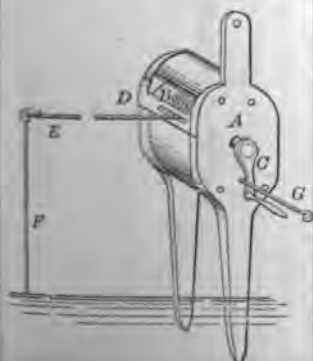
73015—Kafer & De Lacy—Fire Engine Water Heater.



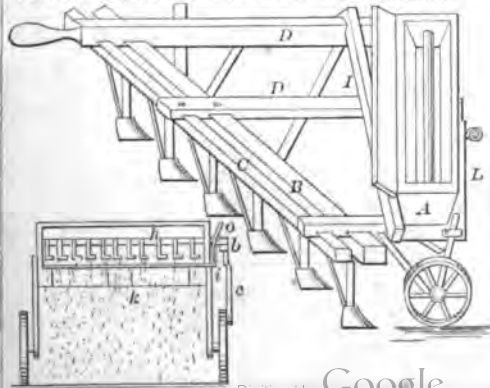
73016—I. L. Landis—Form Gate.

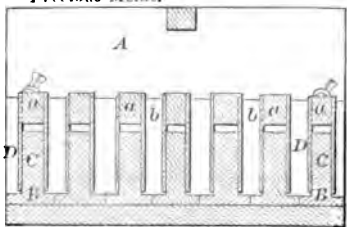
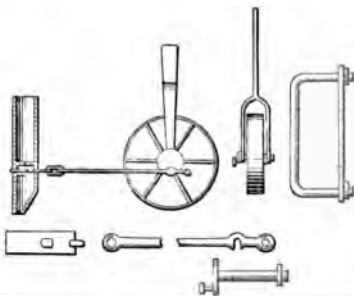
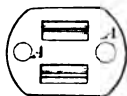
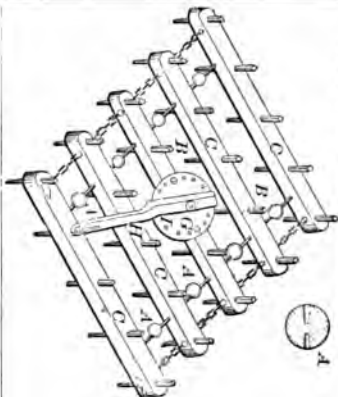
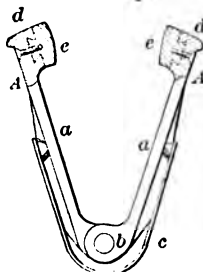
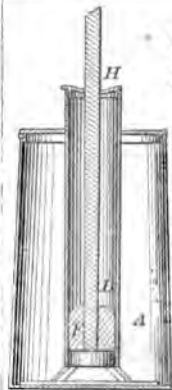
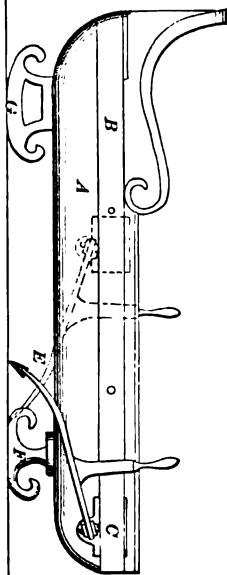
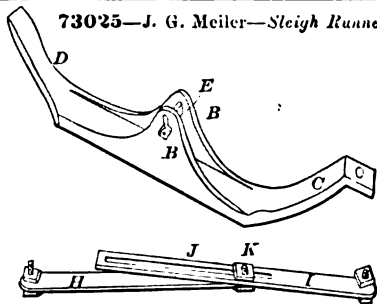
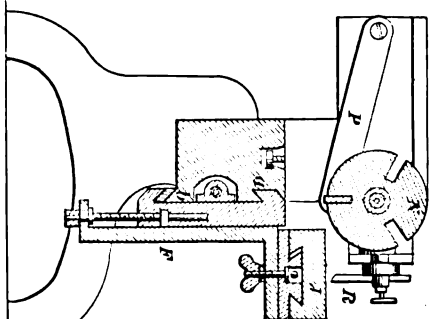


73019—L. Martin—Line Reel.



73020—H. S. Matteson—Seeder and Cultivator.



73021—J. T. McDougall—For Collecting Precious Metal.**73022—P. Melsanc—Corn Planter and Plow.****73026—C. Mudge—Cotton Bale Tie.****73028—H. O. Nauen—Vise Clamp.****73024—J. Mercier—Harrow.****73023—G. McWilliams—Churn.****73025—J. G. Meiler—Sleigh Runner.****73020—M. Newman—Velocipede.****73027—L. F. Munger—Lathe.**

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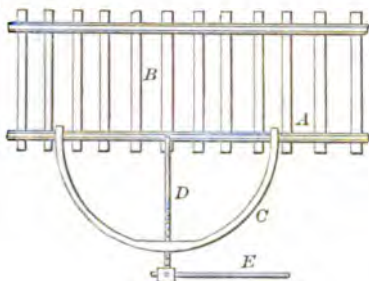


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73031—C. D. Olmstead—Saw Mill.

73033—G. Patterson—Rail Sett.



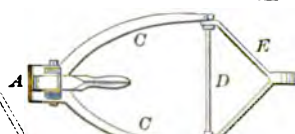
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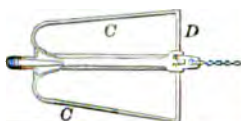
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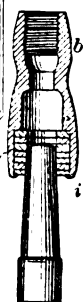
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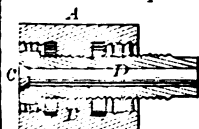
73039—T. L. Reed—Lock Coupling for Gas Fittings.



73040—T. L. Reed—Gas Socket.

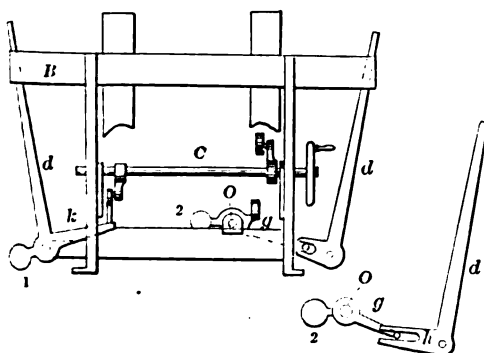


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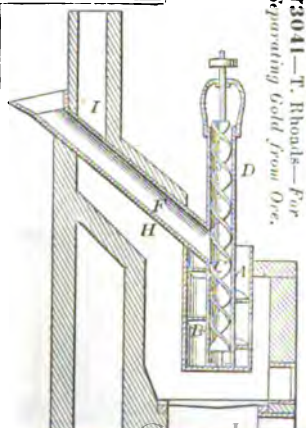


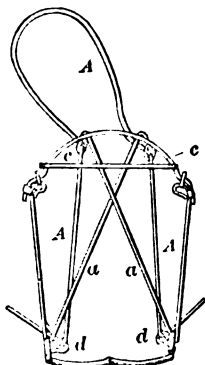
73038—W. H. Pollard—Pump Valve.

73037—J. Pilkington—Picker Motion for Looms.

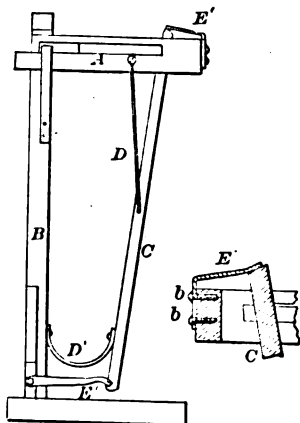


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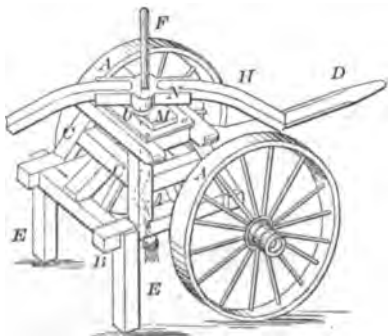
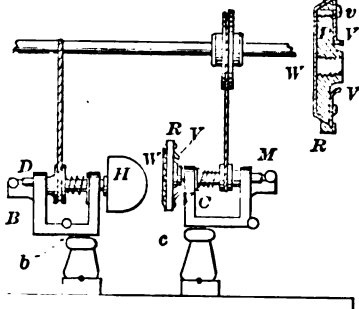




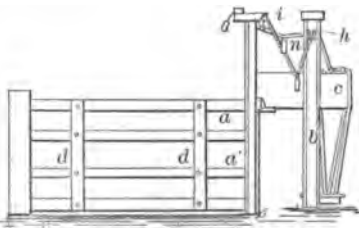
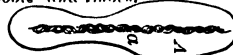
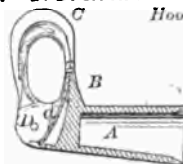
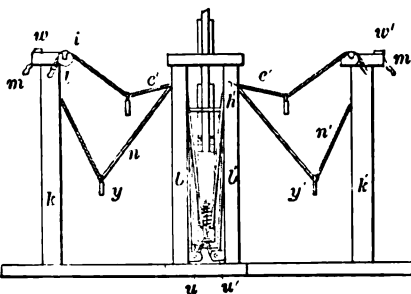
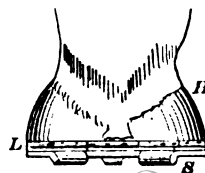
73042—Rice & Leach—Drying Bridle.

73043—W. H. Richards—For Securing
Stoppers to Bottles.73045—E. Robbins—Check for
Picker Staff.

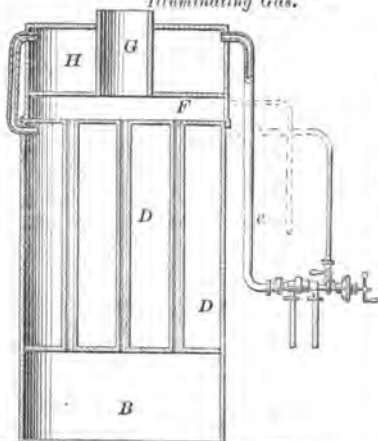
73046—J. B. Robertson—Stump Extractor.

73044—J. C. Richardson—For Pommeing
Hats.

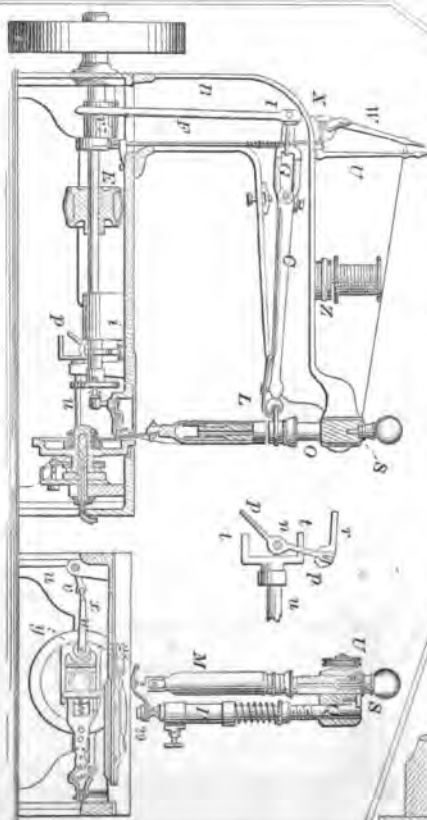
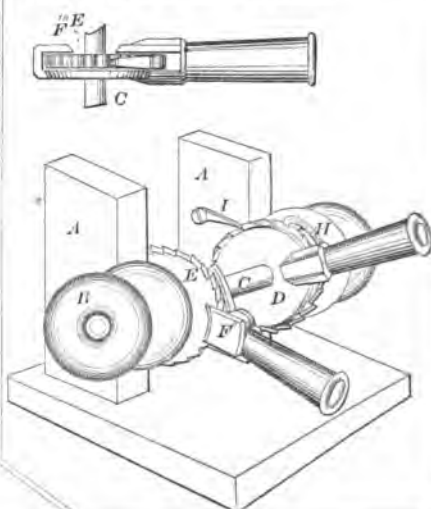
73049—W. H. Rogers—Gate.

73048—I. R. Rogers—For Lasting
Boots and Shoes.73047—D. D. Robinson—Whiffletree
Hook.73050—G. E. Rust—Horse Shoe
Cushion.

73057—L. Stevens—*Manufacture of Illuminating Gas.*



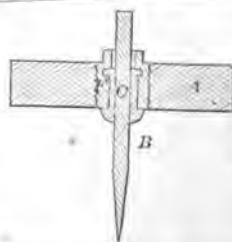
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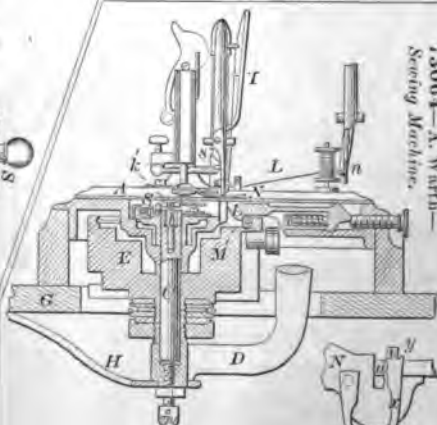
73063—A. Warth—*Sewing Machine.*



73062—Ware & Tilton—*Closing up Boot Legs.*



73061—J. N. & T. Wallis—*Harrow.*

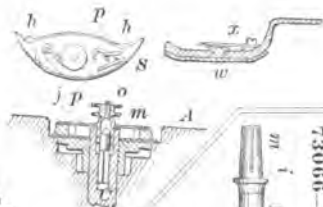
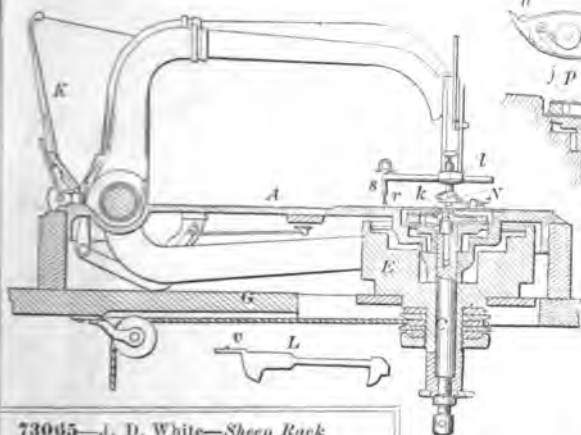


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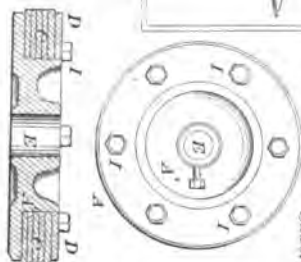
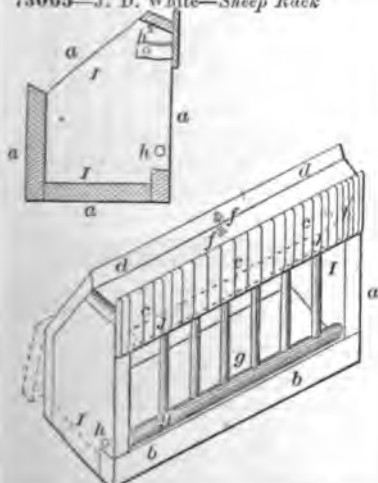
73058—I. Tillson—*Railway Chair.*




73064—Continued.

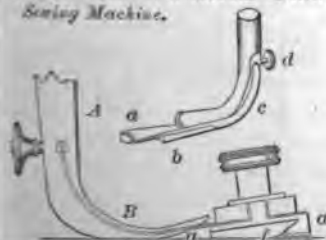


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Bicycles.*

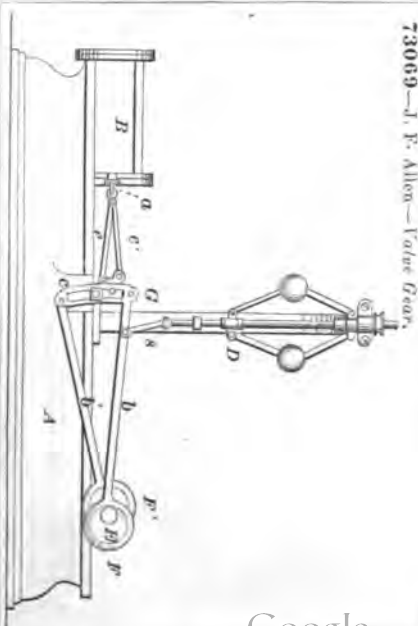
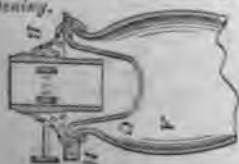


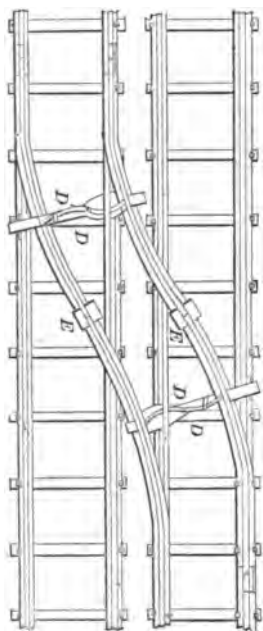
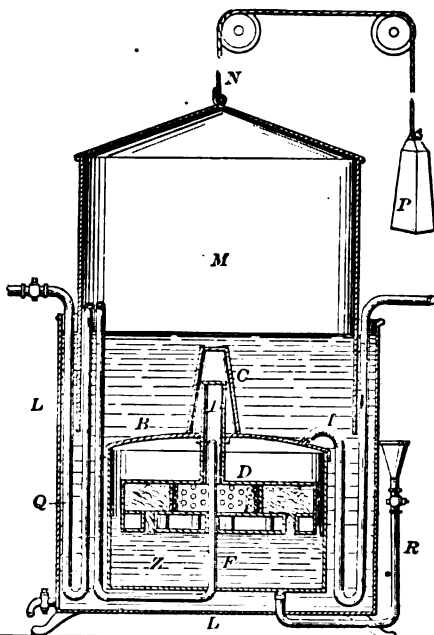
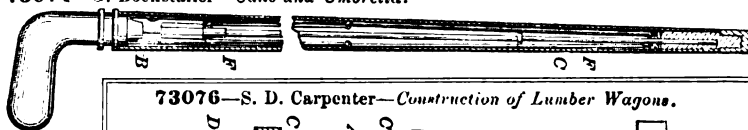
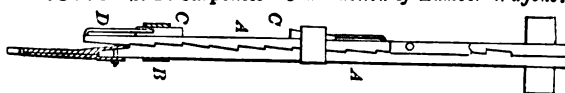
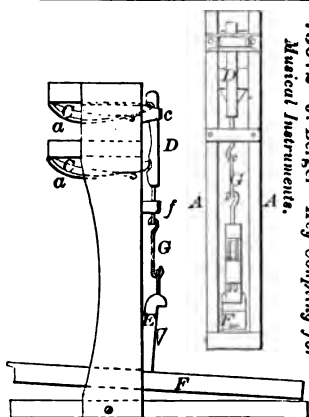
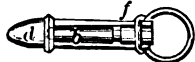
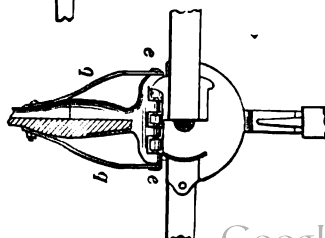
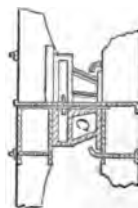
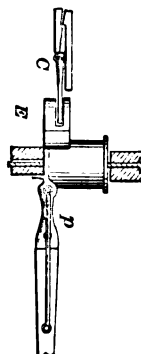
73070—T. A. Bullou—
Friction Roller for Band
Sawing.

73067—Yentzer & McCain—*Feller for Spring Machine.* 

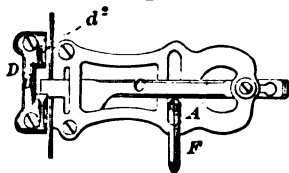


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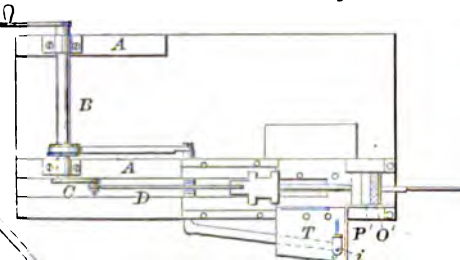
73069-J, F. Allen—*Value Gear*, 1978, 128 p., \$1.95.

73071—T. G. Beecher—*Railway Switch.*73073—W. W. Bierce—*Carburetted Apparatus.*73074—G. Bockstaller—*Cane and Umbrella.*73076—S. D. Carpenter—*Construction of Lumber Wagons.*73072—J. Berger—*Key Coupling for Musical Instruments.*73077—A. J. Chase—*Watch Key Protector.*73076—E. Broad—*Cant Hook.*

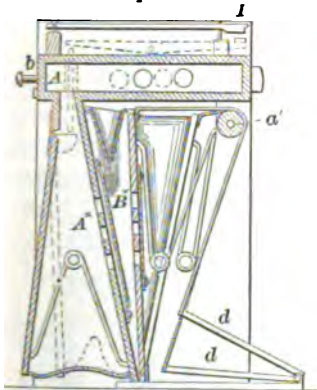
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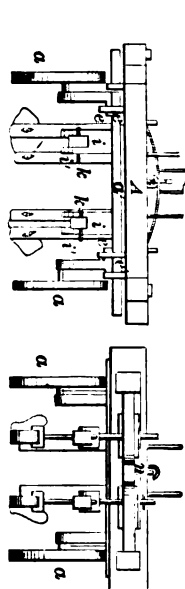
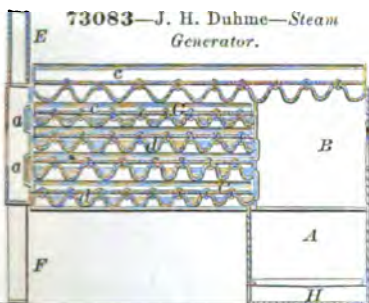
73079—W. H. Coombs—*For Pressing Brick.*



73080—W. Cooper—*Melodeon.*



73083—J. H. Duhme—*Steam Generator.*

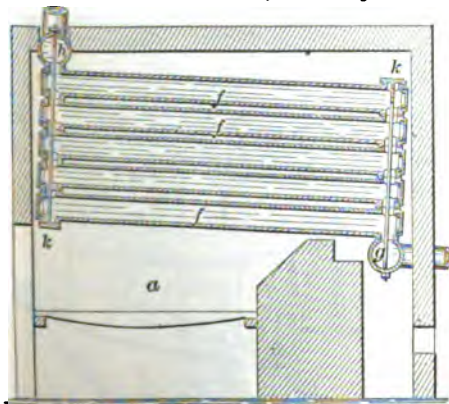


73081—Darnon, Mussey & Whitman—*Cultivator and Plow.*

73082—S. Darlin—*Straight Edge.*



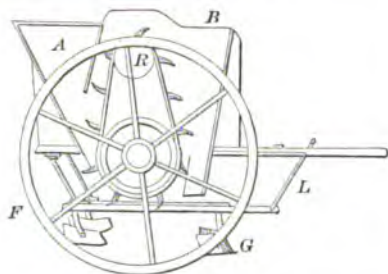
73084—C. R. Ellis—*Boiler for Heating.*



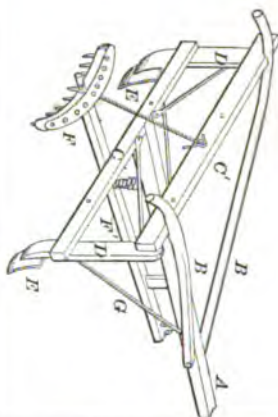
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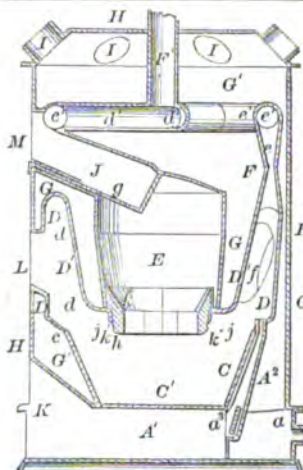
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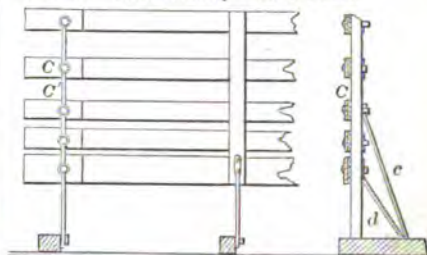
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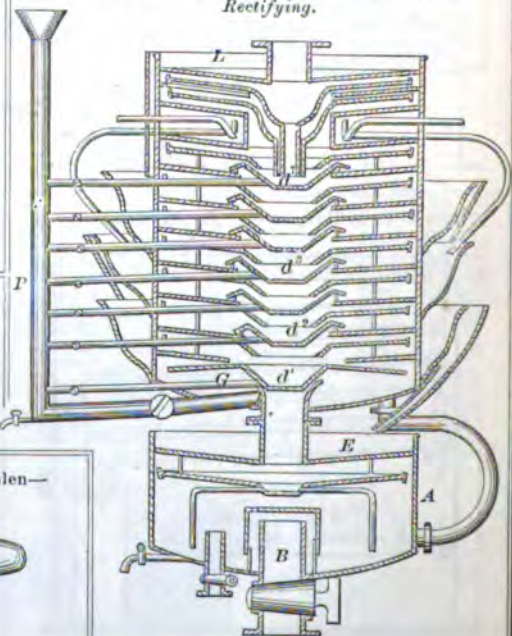
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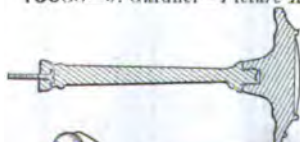
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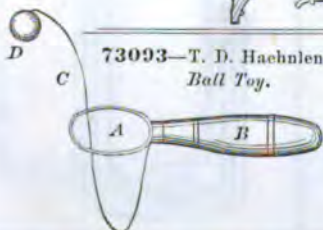
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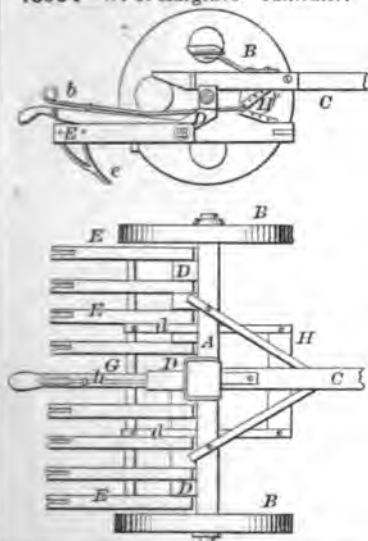
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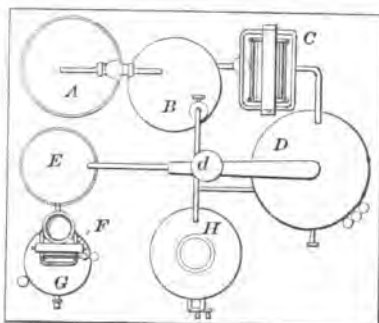
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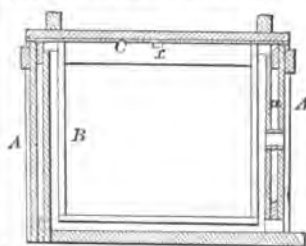
73094—W. O. Hargrave—Cultivator.



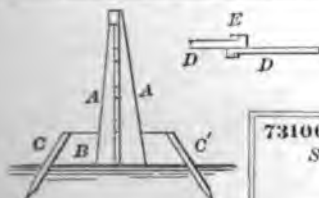
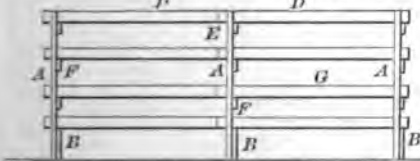
73099—Horton & Milligan—Spirit Meter.



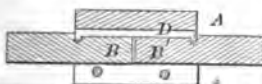
73096—C. Hastings—Beehive.



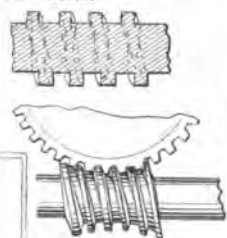
73098—L. F. Henderson—Portable Fence.



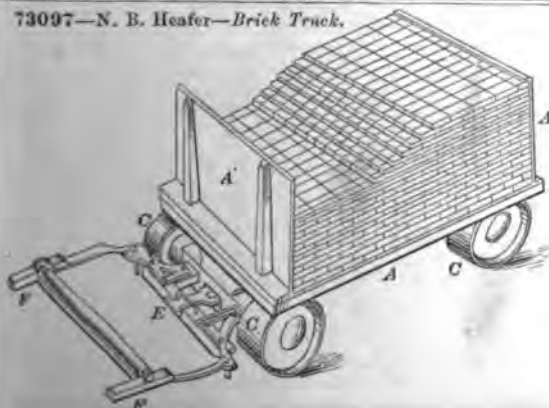
73100—G. W. Hubbard—Shaft Coupling.



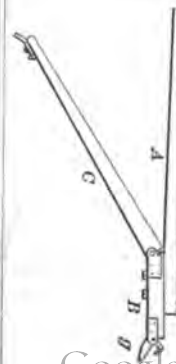
73095—Harrigan & Whitney—Gear Worm.



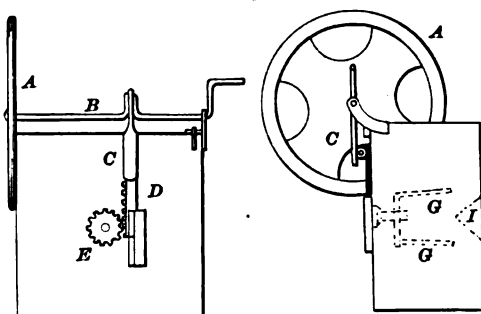
73097—N. B. Heafer—Brick Truck.



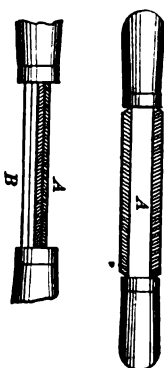
73101—E. Hutson—Pushing Jack for Railroad Cars.



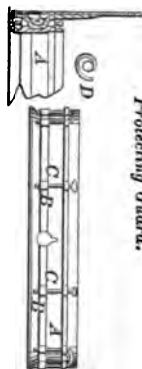
73103—J. Lee—Washing Machine.



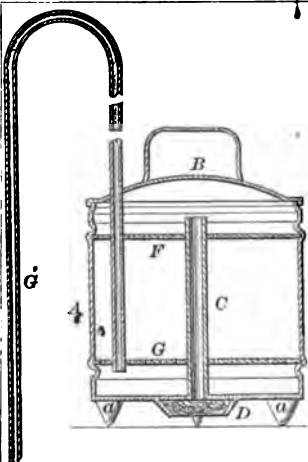
73102—W. M. Jones—For Sharpening Horse Shoe Calks.



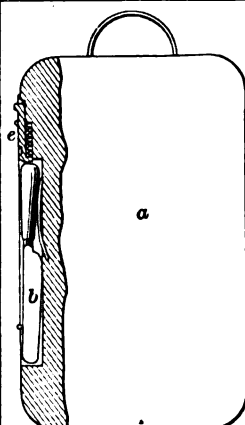
73106—E. Lindsay—Pantaloons Protecting Guard.



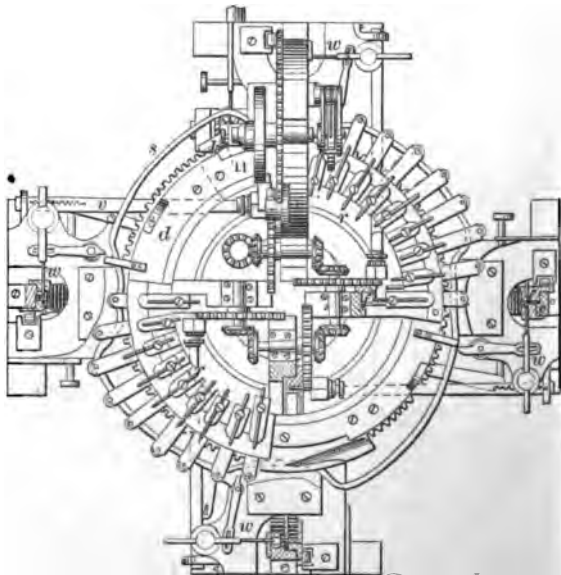
73105—J. N. Lighthall—Filter.



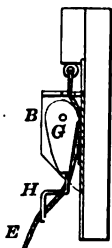
73104—W. H. Lewis—Bread Board.



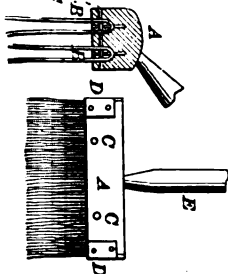
73110—B. A. Mason—Screw Machine.

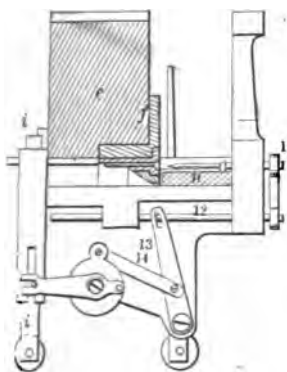


73108—T. J. Marins—Curtain Fixture.

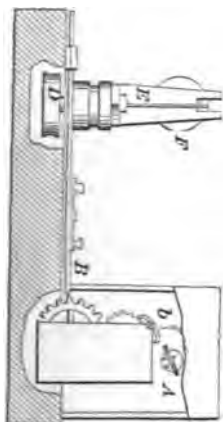
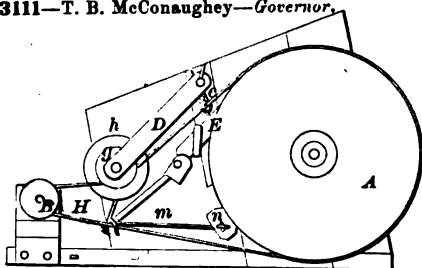


73107—H. Lombard—Broom.

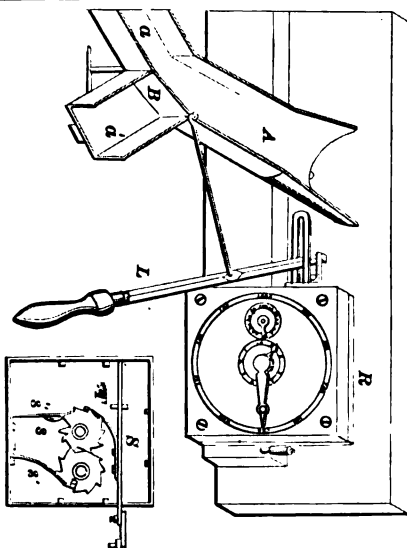




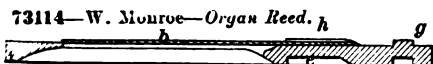
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73113—J. F. Morsell—*Railway Switch Alarm.*



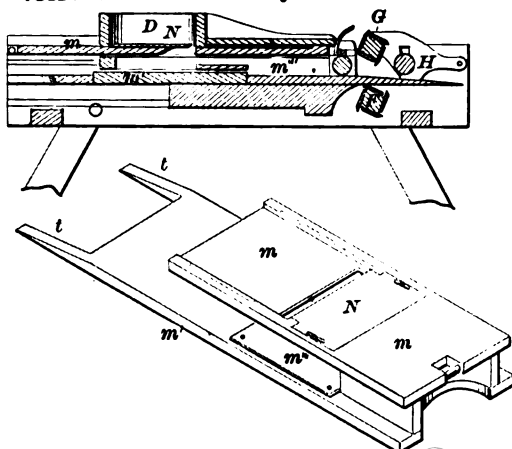
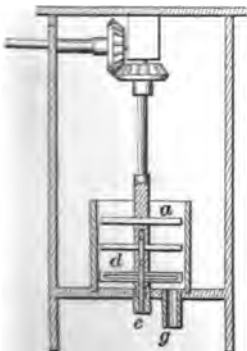
73112—K. O. Melvin—Grain Measure.



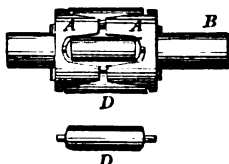
73114—W. Monroe—Organ Reed. *h*



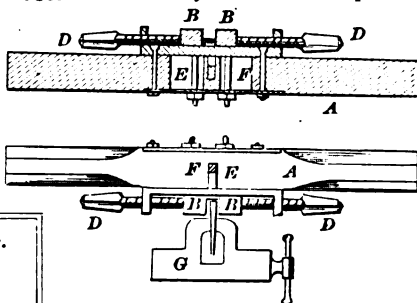
**73115—G. G. Noah—For
Making Paste.**



73117—C. W. Pierce—*Friction Roller.*



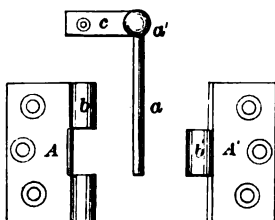
73118—R. F. Prettyman—*Skate Sharpener.*



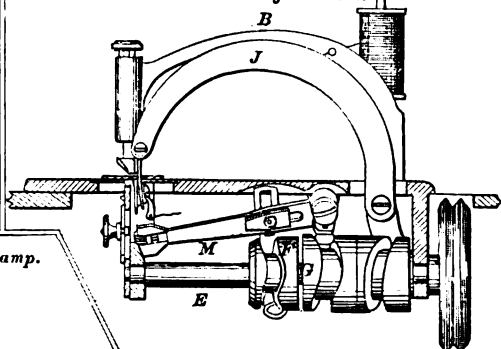
73121—E. J. Richardson—*Ticket Holder.*



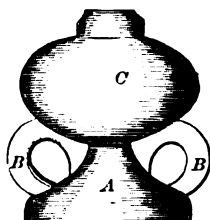
73120—R. Reiber—*Hinge.*



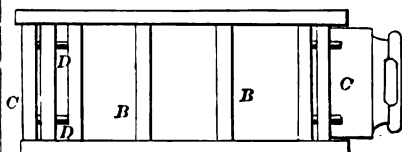
73119—G. Rehfuß—*Sewing Machine.*



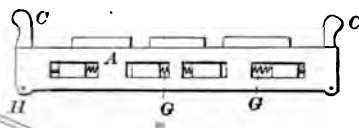
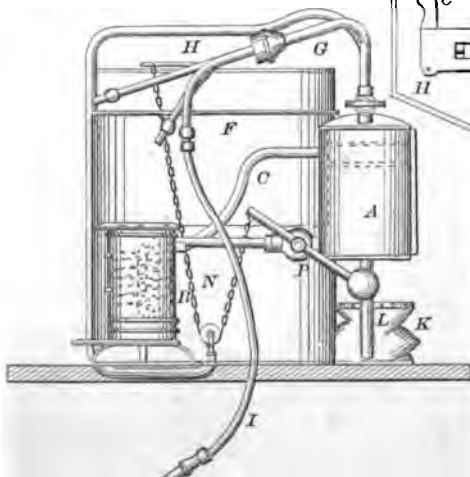
73122—D. C. Ripley—*Glass Lamp.*



73123—J. Sangster—*For Handling Bricks.*



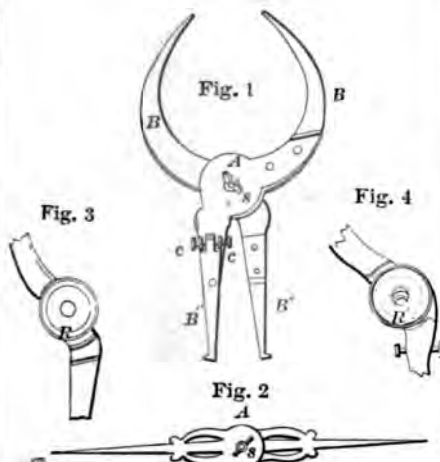
73124—D. F. Scheaf—*For Generating Gas.*



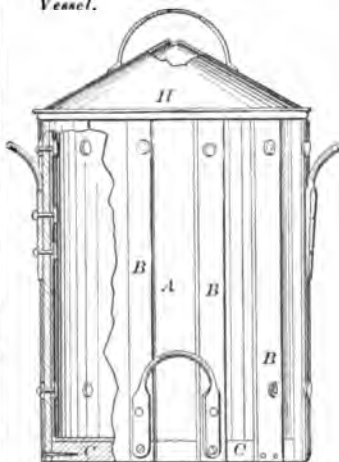
73125—C. Schifferly—*Churn.*



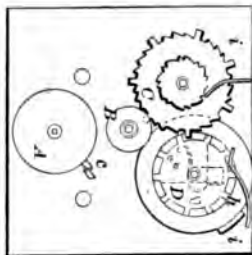
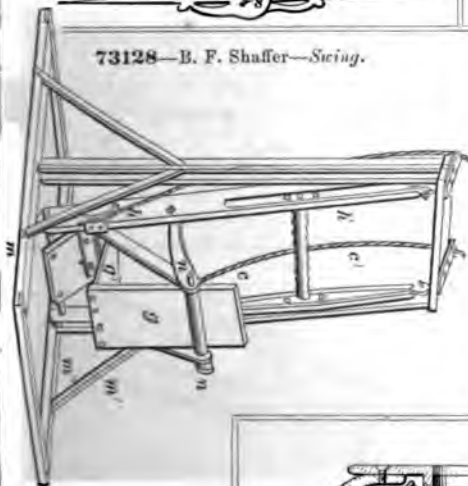
73126—E. S. Scripture—*Dividers and Calipers.*



73130—W. Shires—Garbage Can or Vessel.



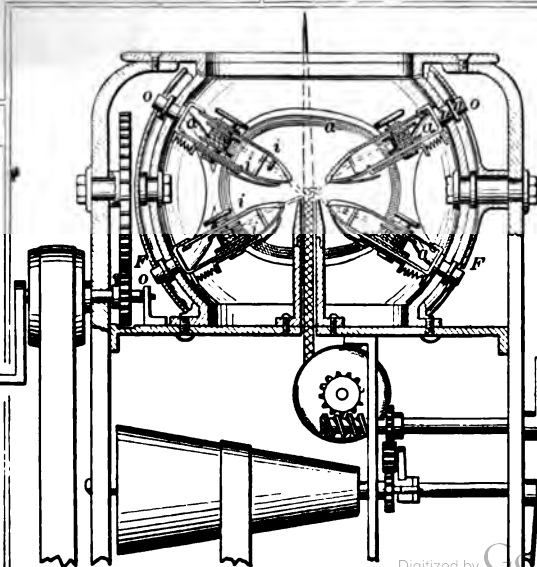
73128—B. F. Shaffer—*Swing*.



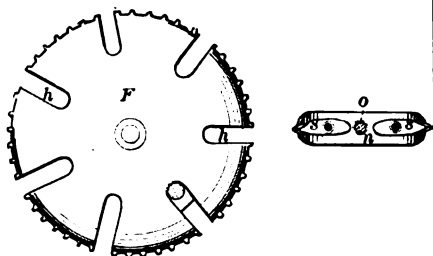
73129—T. E. Sherman-Gate.



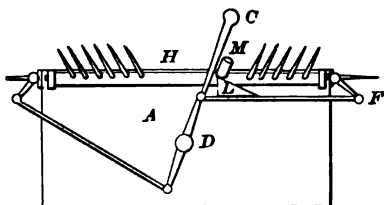
73131—P. L. Slayton—For Braiding Whip Lashes.



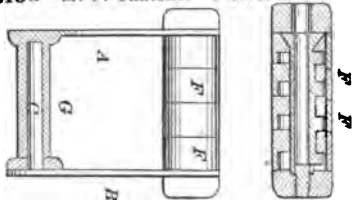
73131—Continued.



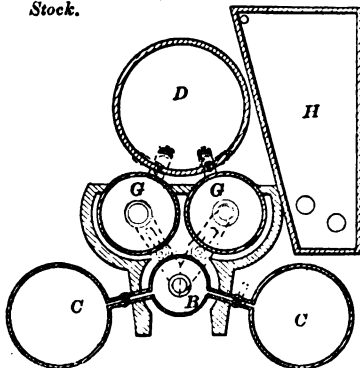
73132—G. R. K. Smith—Wagon Protector.



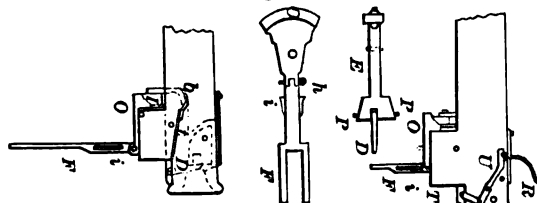
73136—M. P. Thatcher—Padlock.



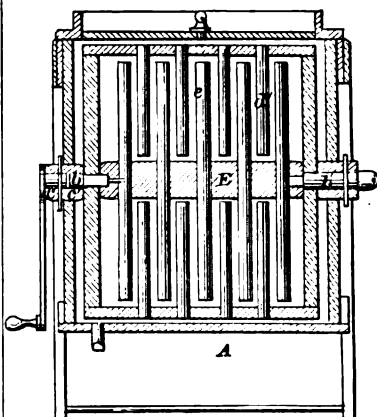
73138—J. Tiffany—For Preparing Paper Stock.



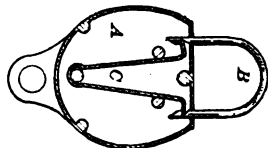
73140—J. N. & S. T. Vandegrift, French and Stone—Car Coupling.



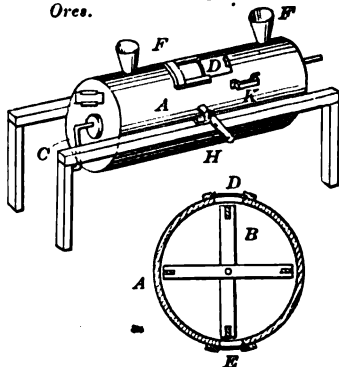
73134—S. H. Swasey—Barrel Churn.



73133—G. W. Stevens—Padlock.

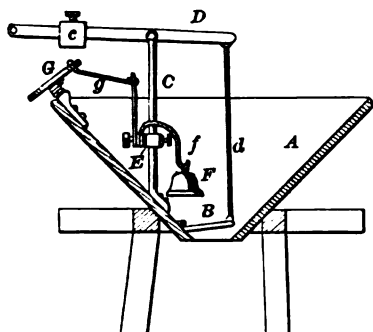


73137—W. A. Thompson—For Treating Ores.

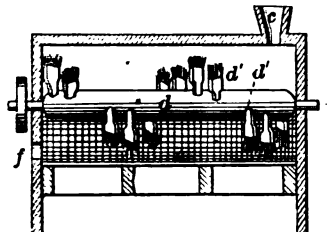


73141—J. Végant—Hammer.

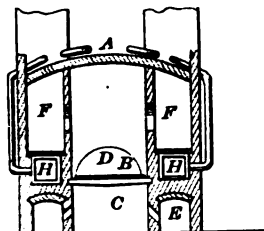
73142—D. C. Walters—Grinding Mill Hopper Attachment



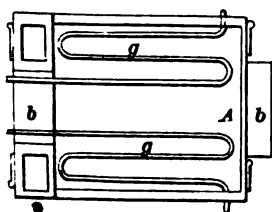
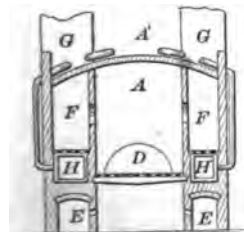
73144—M. Waterhouse—Flock Duster.



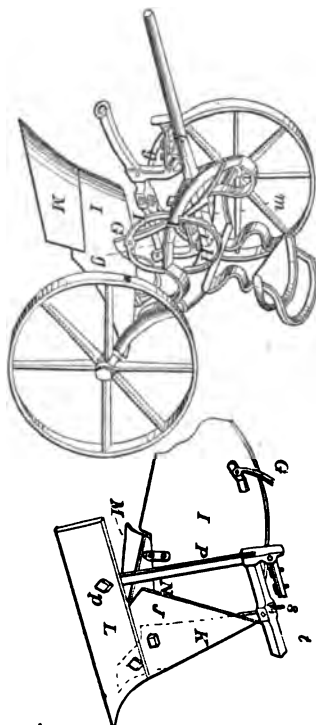
73146—S. Wetherill—Manufacture of White Oxide of Zinc.



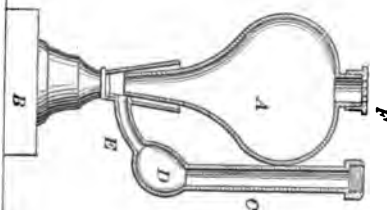
73147—S. Wetherill—Manufacture of White Oxide of Zinc.



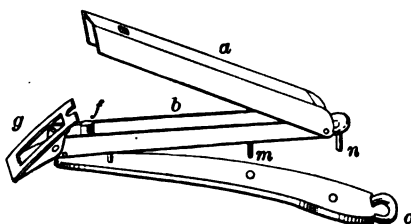
73143—J. Warwick—Sulky Plow.

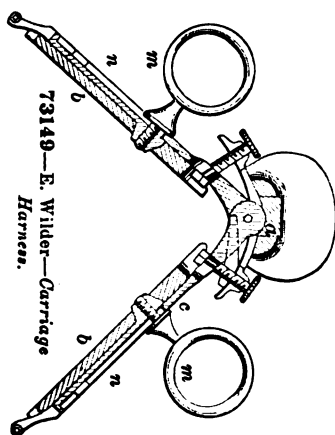


73145—H. B. Wellman—Lamp.



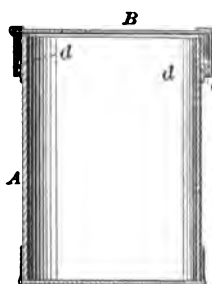
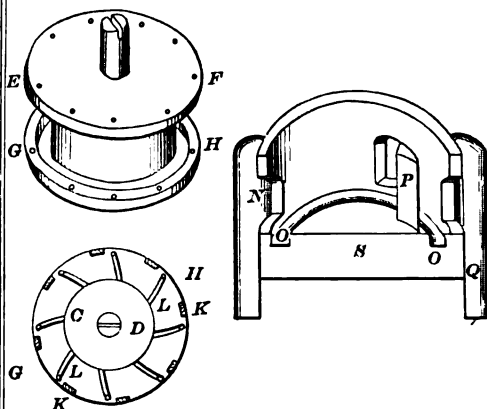
73148—L. Wetzell—Hames Tug Buckle.





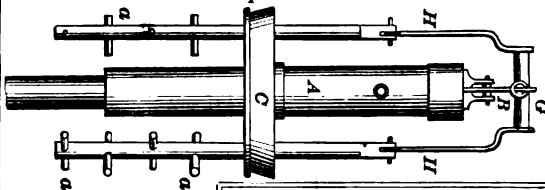
73149—E. Wilder—Carriage Harness.

73150—Wilson & Houghton—Water Wheel.

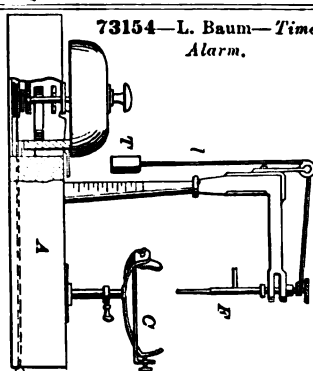


73151—F. H. Wilson—Cheese Door and Butter Tub.

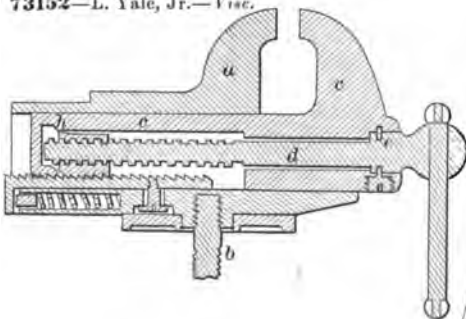
73153—F. Yeiser—Pump.



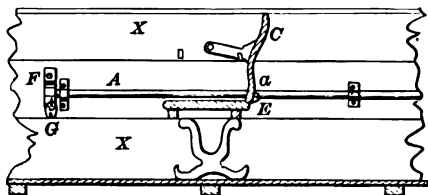
73154—L. Baum—Time Alarm.



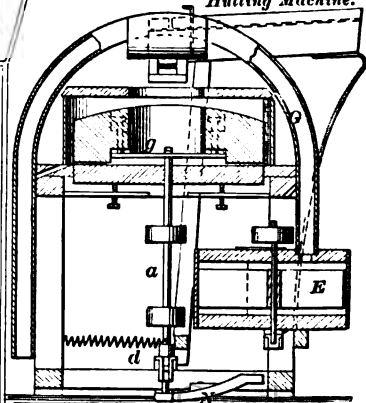
73152—L. Yale, Jr.—Vise.



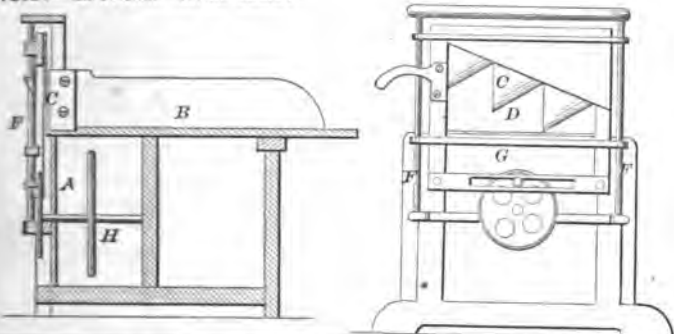
73155—Bayley & McCluskey—Car Seat Lock.



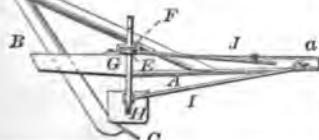
73156—J. Baysore—Buckwheat Hulling Machine.



73157—A. J. Bell—*Straw Cutter*.



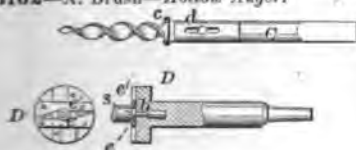
D 73158—W. Bennett—*Plow Attachment*.



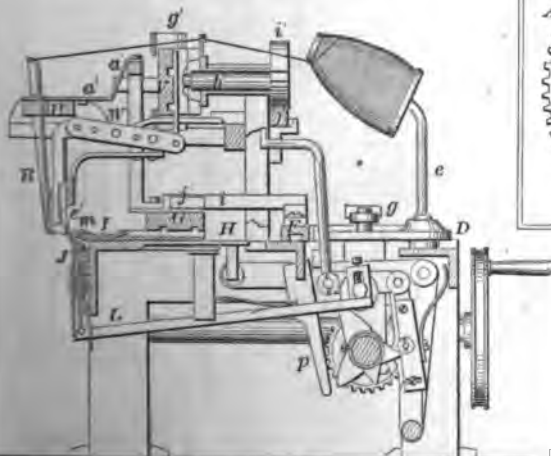
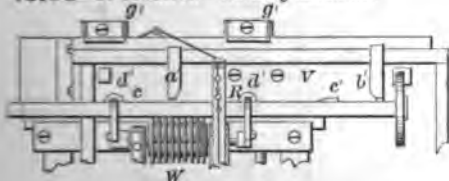
73160—A. Eluck—*Sluice Blanket*.



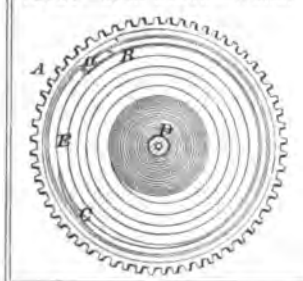
73162—A. Brush—*Hollow Auger*.



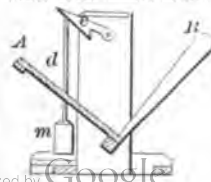
73164—J. Chantrell—*Knitting Machine*.

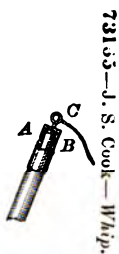


73161—G. A. Bowen—*Watch*.

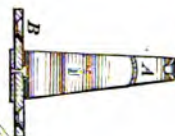
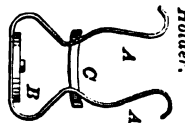
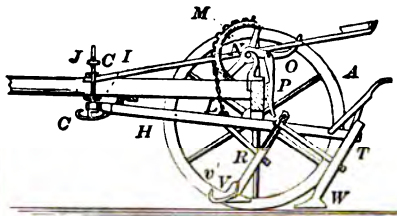


73159—H. Besse—*Automatic Water Gate*.

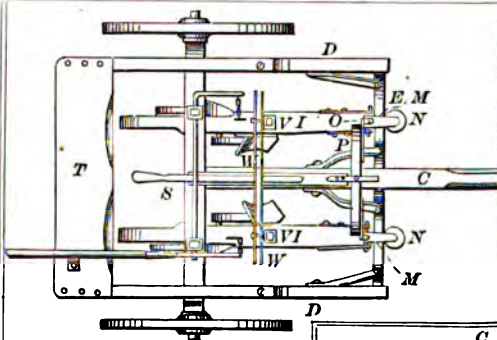
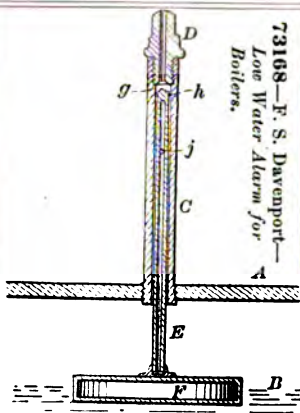
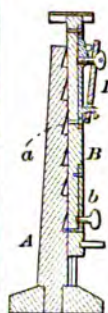
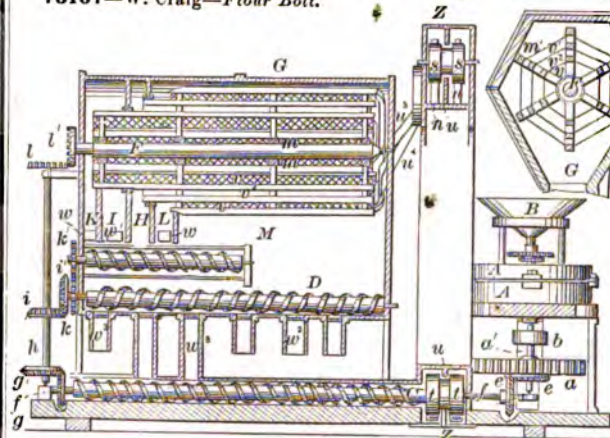




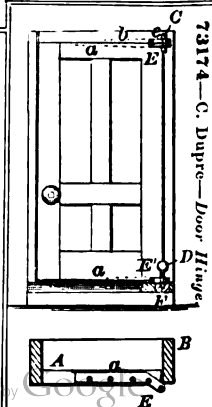
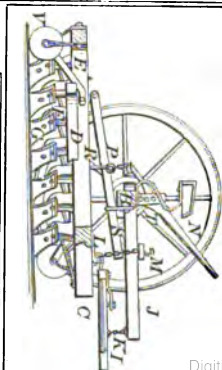
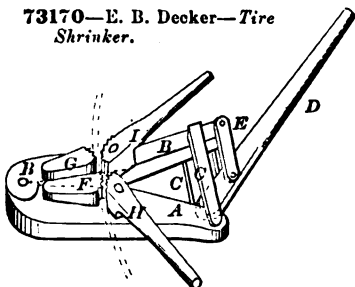
73166—Cox & Pence—Corn Plow.



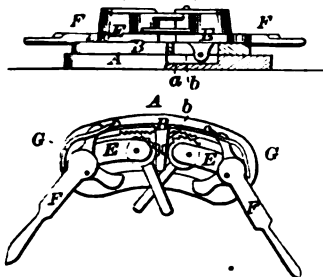
73167—W. Craig—Flour Bolt.



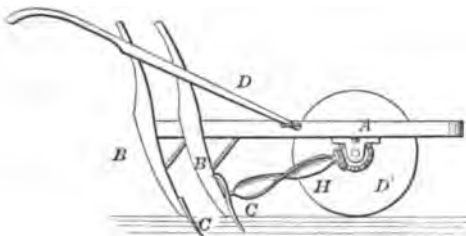
73170—E. B. Decker—Tire Shrinker.



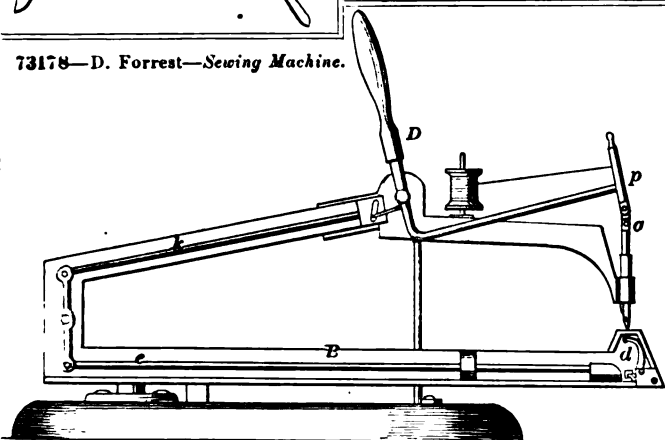
73175—J. Elliott—*Tire Shrinking Machine.*



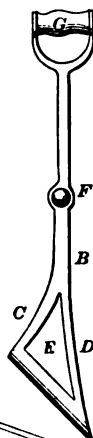
73181—C. A. Harper—*Cultivator*



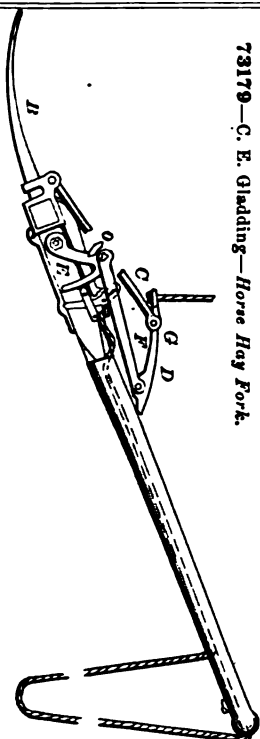
73178—D. Forrest—*Sewing Machine.*



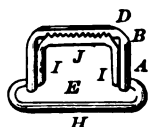
73177—C. A. Fisher—*Hay Knife.*



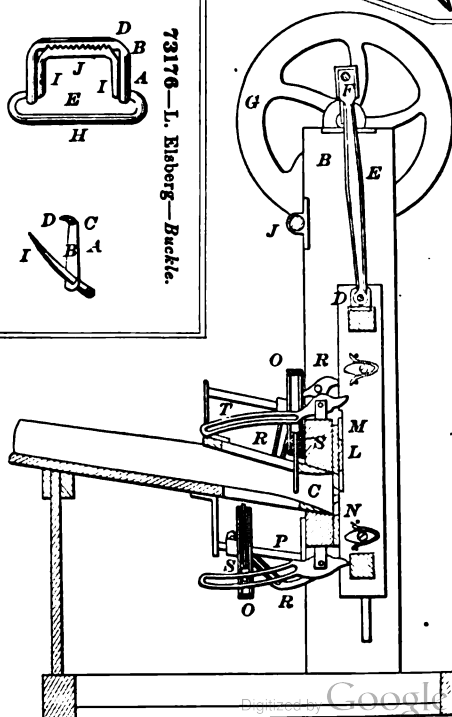
73179—C. E. Gladding—*Horse Hay Fork.*

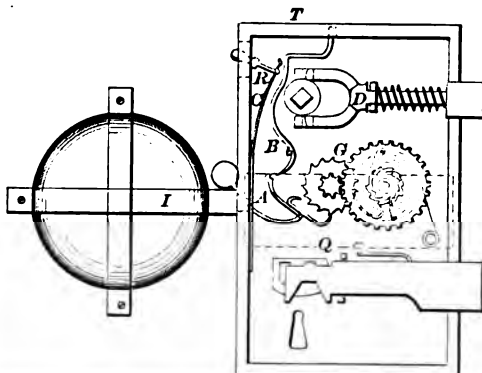
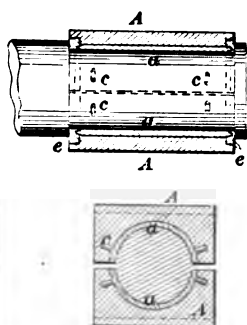
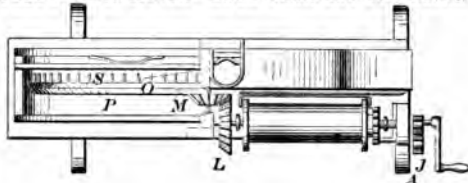
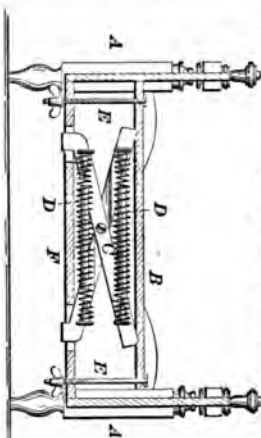
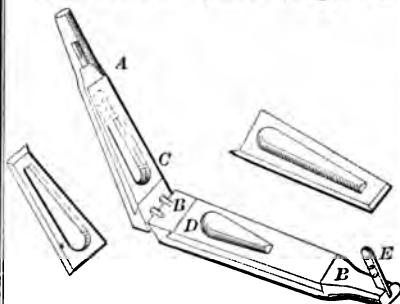
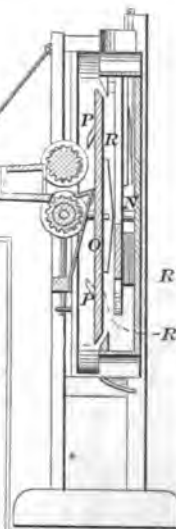
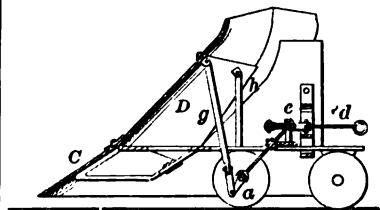
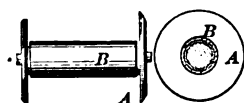


73176—L. Elberg—*Buckle.*

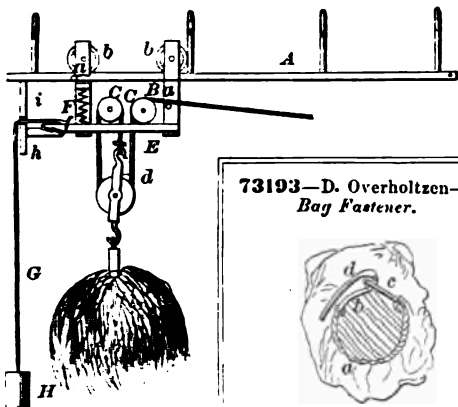


73180—J. F. Hammond—*Straw Cutter.*



73182—P. T. Heminway—*Burglar Alarm Lock.*73183—G. H. Henfield—*Car Axle Box.*73184—C. R. Hewett—*Straw Cutter and Corn Sheller.*73188—G. Koenig—*Spring Bed Bottom.*73186—G. Kennedy—*Pad Crimp Press.*73187—
I. M. W. Kitchen—*Fruit Jar.*73189—C. Iusted—*Snare Plow.*73185—A. P. Holmes—*Bobbin.*

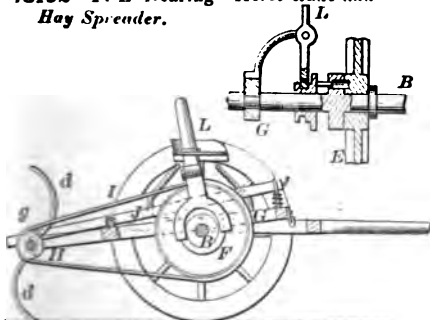
73190—H. & L. M. McCown—Hay Elevator.



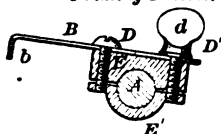
73193—D. Overholtzen—Bag Fastener.



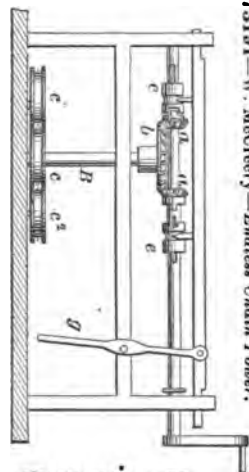
73192—F. E. Nearing—Horse Rake and Hay Spreader.



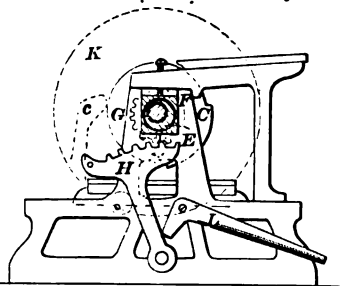
73196—C. Potter, Jr.—Feed Gauge for Printing Presses.



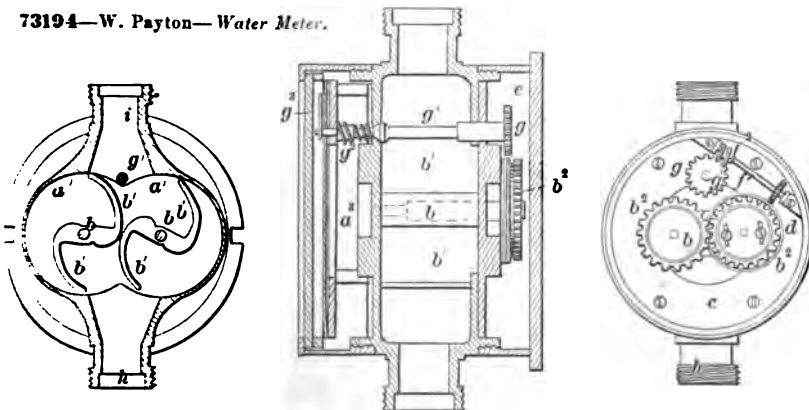
73191—W. McCreery—Endless Chain Power.

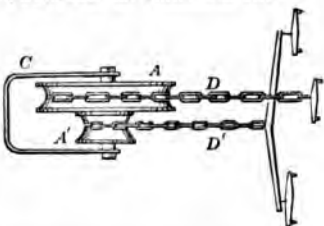
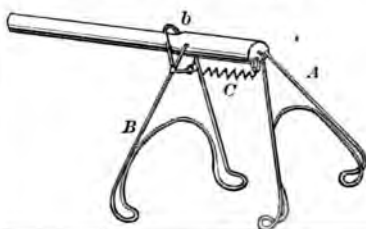
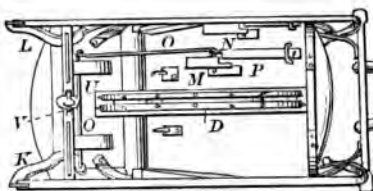
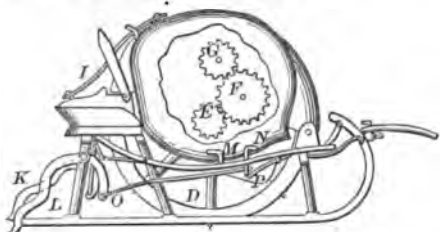
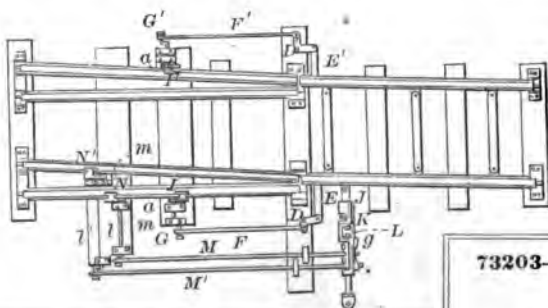
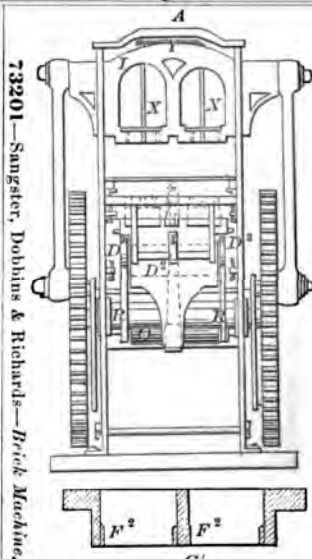
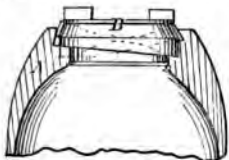
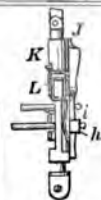
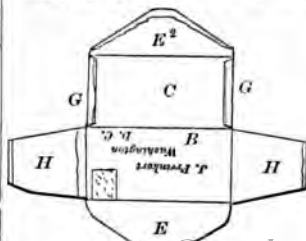


73195—C. Potter, Jr.—Printing Press.

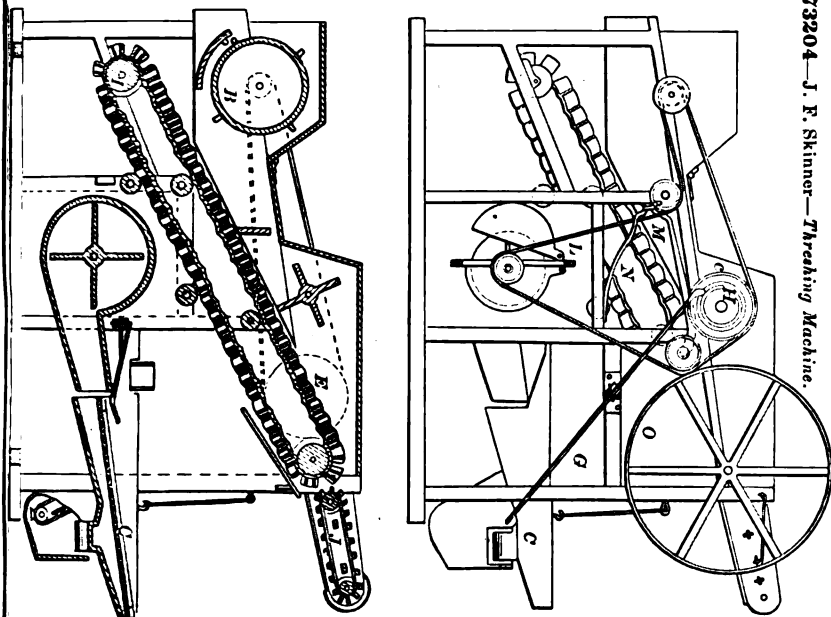


73194—W. Payton—Water Meter.

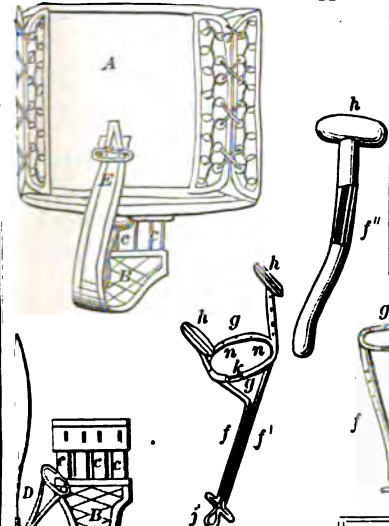


73197—E. M. Potter—*Clevis.*73199—D. E. Roe—*Plate Lifter.*73198—J. Rancevan—*Ice Sleigh.*73200—Rogers & Crane—*Railway Switch.*73202—F. J. Shefferly—*Preserve Jar.*73201—Sangster, Dobbin & Richards—*Brick Machine.*73203—F. M. Shields—*Envelope.*

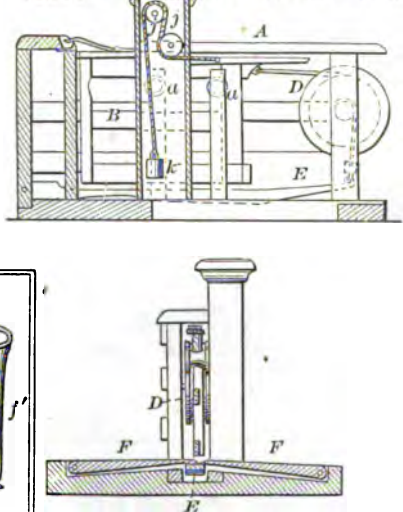
73204—J. F. Skinner—Threshing Machine.



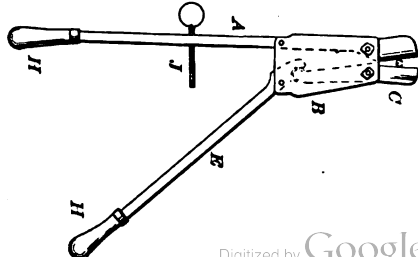
73207—A. J. Steele—Abdominal Supporter.



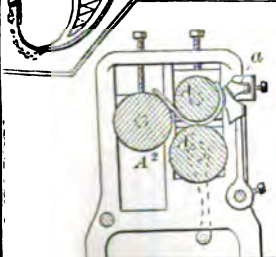
73206—G. P. Stebbins—Gate.



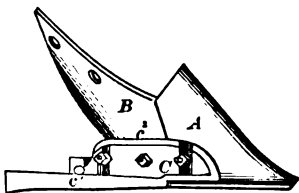
73205—E. A. Sloat—Bolt Cutter.



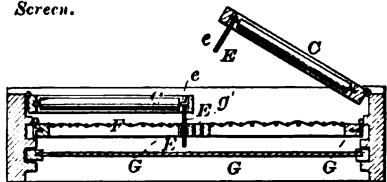
73208—W. Sime—Timbers' Forming Machine.



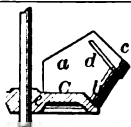
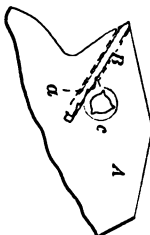
73209—J. Urie—Plow.



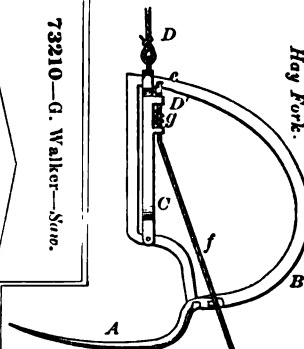
73213—J. R. Wharry—Ventilator and Window Screen.



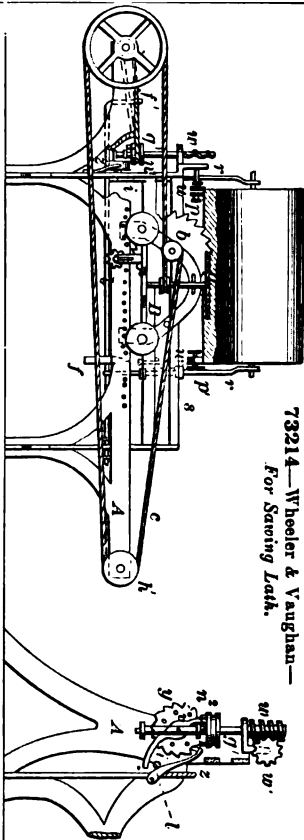
73210—G. Walker—Saw.



73211—J. H. Walker—Horse Hay Fork.



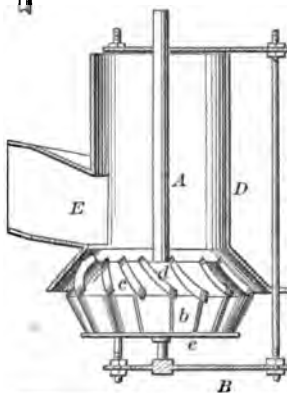
73214—Wheeler & Vaughan—For Sawing Lath.



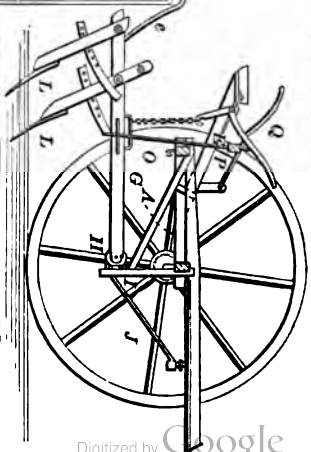
73212—E. L. Wells—Scrapper Attachment to Cart.



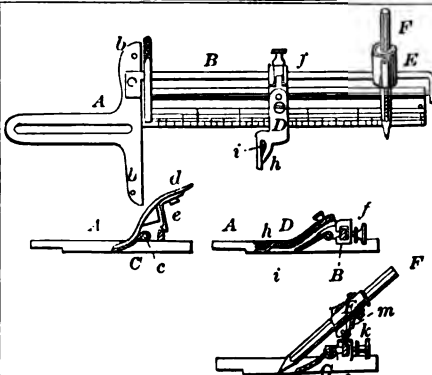
73215—Wheeler & Allen—Water Wheel.



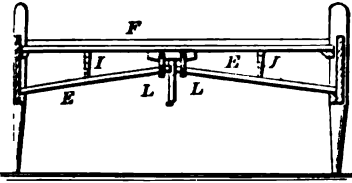
73217—J. Widman—Cultivator.



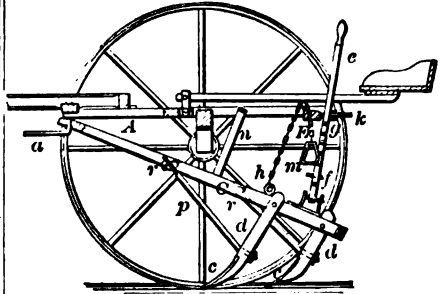
73216—J. P. White—Sewing Machine Marker.



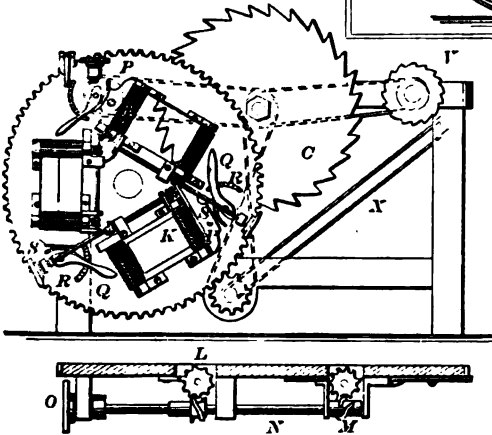
73218—S. J. Wingate—*Bed Bottom.*



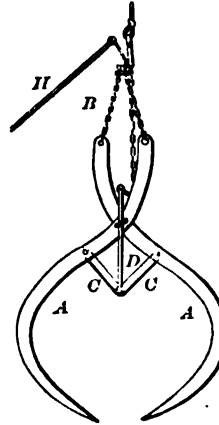
7322.1—A. Bennett—*Cultivator.*



73219—H. Woodman—Shingle Machine.



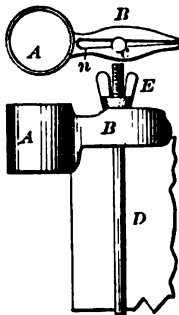
73222—D. W. Amos—Horse Hay Fork.



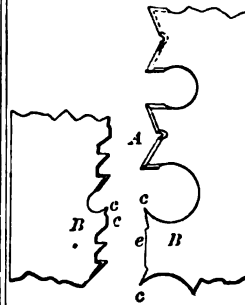
73221—H. Allen—Connecting Tubes with Heads of Condensers.



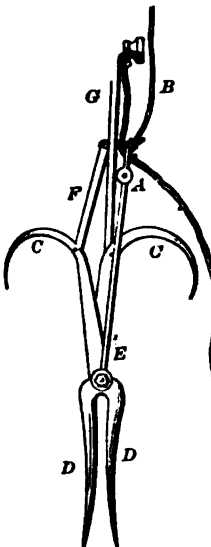
73227—E. M. Boynton—See Yang.



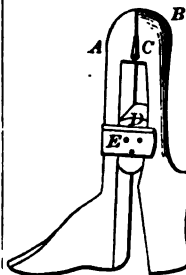
73226—E. M. Boynton—Saw.



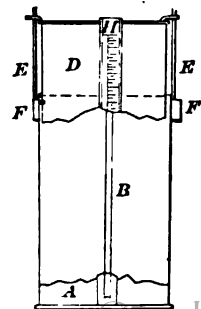
73223-1. Atwater—Horse Hay Fork.

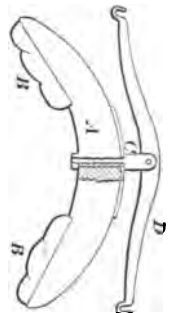
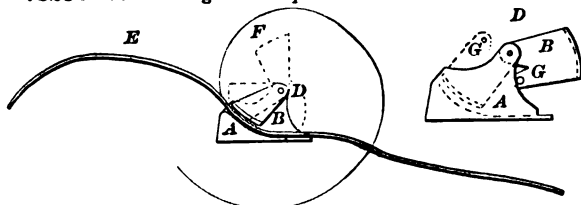
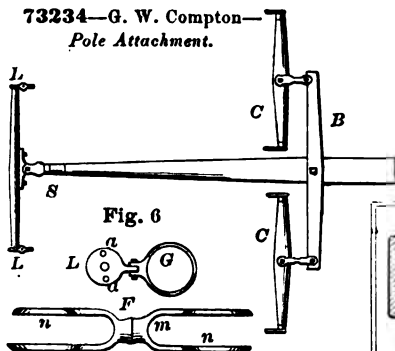
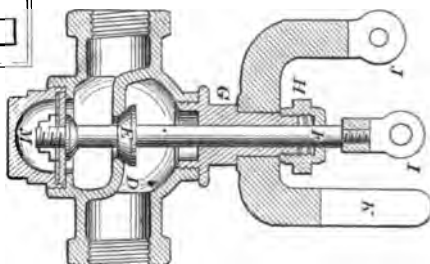
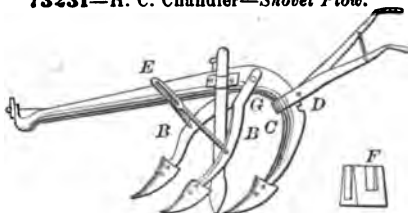
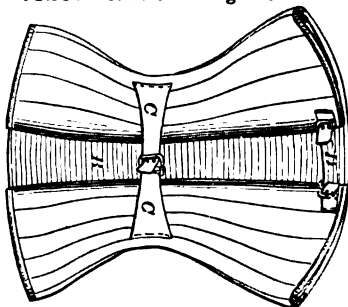
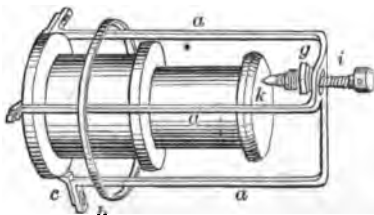
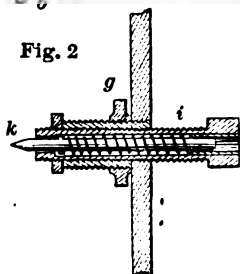
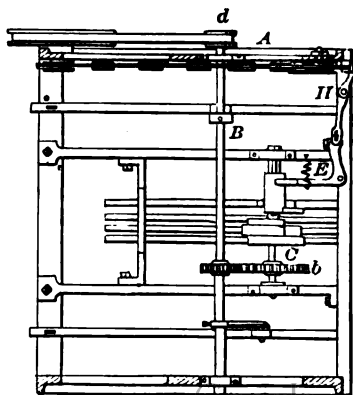


73228—A. N. Breneman—Shoe Holder

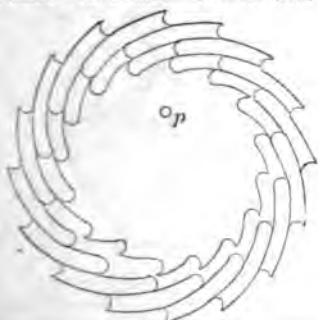


73220—G. W. Brown—Spirometer.

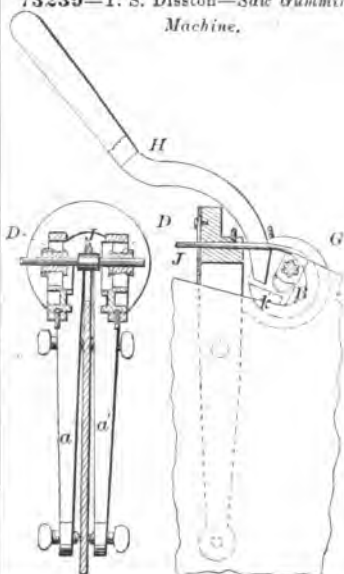


73230—H. W. Burgess—Strap Holder.**73236—P. K. Cull—Cart Harness.****73234—G. W. Compton—Pole Attachment.****73232—G. E. Chenoweth—Feed Water Valve.****73231—H. C. Chandler—Shovel Plow.****73235—C. Z. Cummings—Corset.****73233—C. J. Clifford—For Determining Deviation of Locomotive Crank Pins.****Fig. 2****73237—J. Deakin—Loom.**

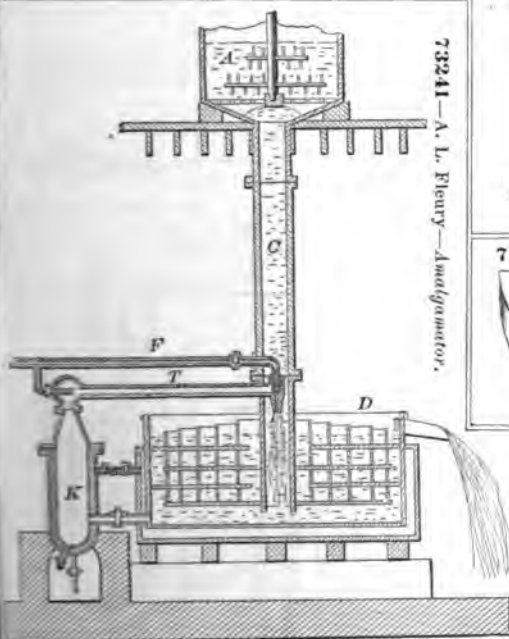
73238—H. Disston—Circular Saw.



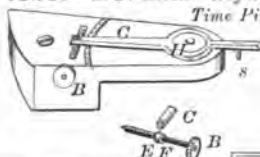
73239—T. S. Disston—Saw Gunning Machine.



73241—A. L. Fleury—Analysimeter.



73240—S. F. Estell—Regulator for Time Pieces.



73241—

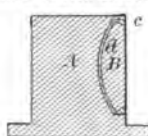
R. A. Goodyear—
Aerial Fracturing.



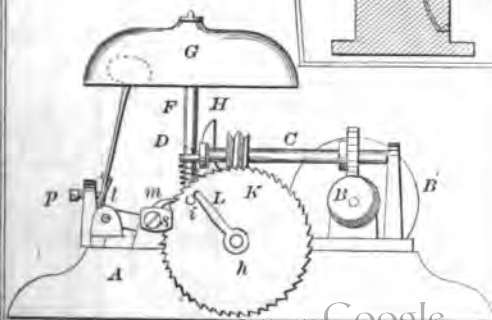
73242—A. L. Herold
Buckle.



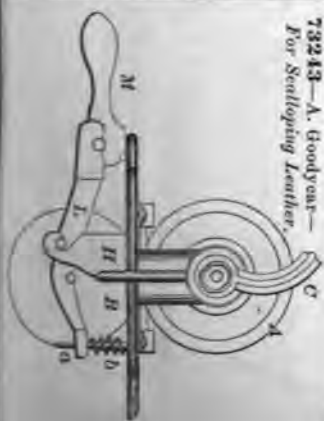
73245—J. Harden—
Anti-Friction Bearing.



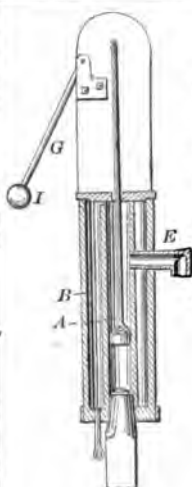
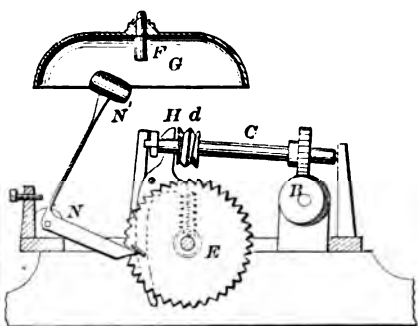
73247—Helton & Redfield—
Alarm for Grist Mills.



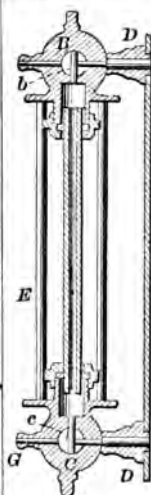
73243—A. Goodyear—
For Scalloping Leather.



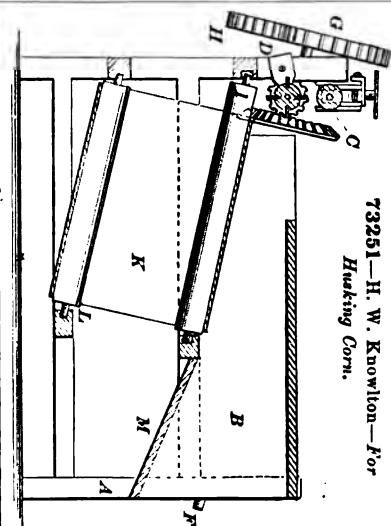
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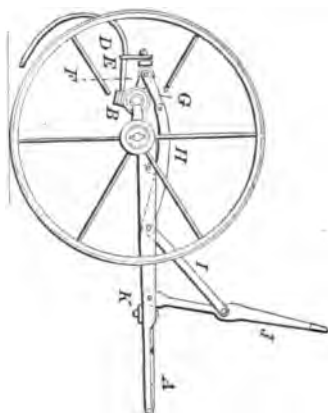
73253—J. McBride—Pump.



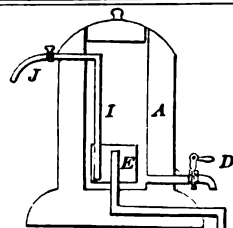
73250—J. S. Hunter—Steam Generator Water Gauge.



73251—H. W. Knowlton—For Husking Corn.

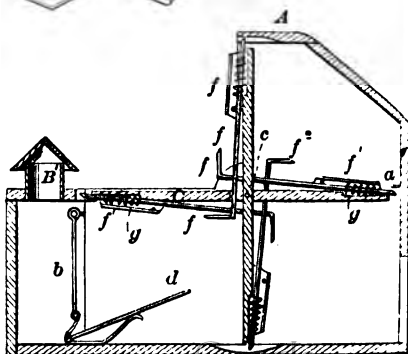
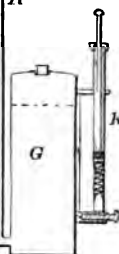
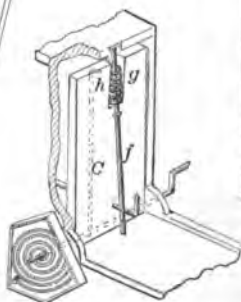


73248—U. F. Horton—Horse Brake.

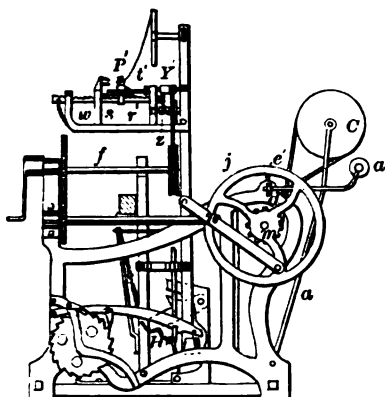


73249—J. S. Hull—Soda Fountain.

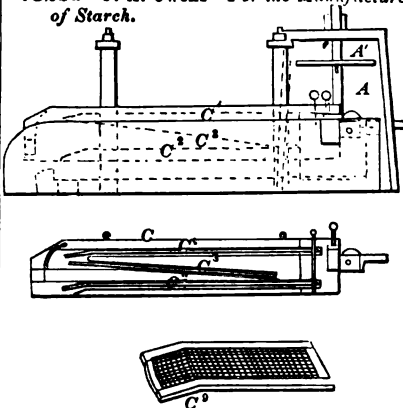
73254—O. Metcalf—Animal Trap.



73256—Nute & Hathorn—*Hand Loom.*



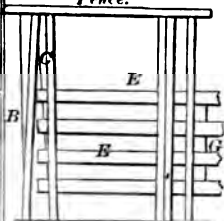
73259—J. A. Owens—For the Manufacture of Starch.



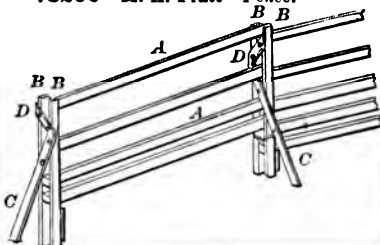
73255—
W. A. Morse—
Pen.



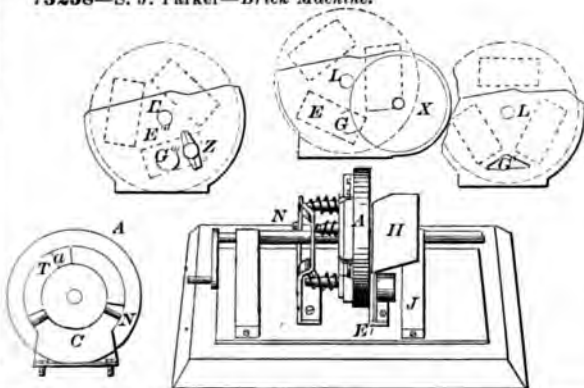
73257—Olds & Clark—
Fence.



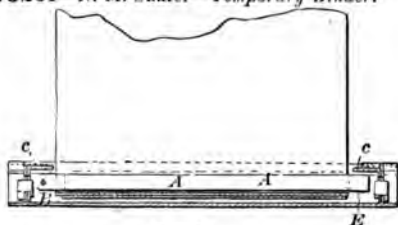
73260—M. A. Pratt—Fence.



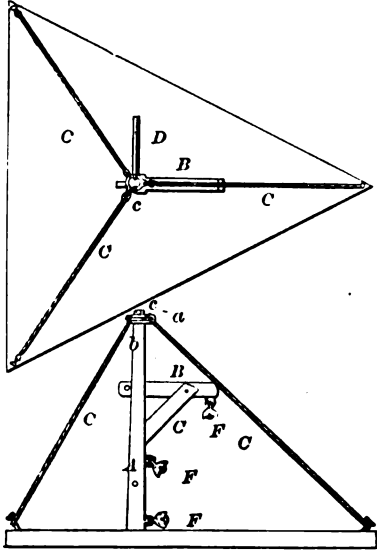
73258—S. J. Parker—*Brick Machine.*



73261—N. M. Shafer—*Temporary Binder.*



73263—Simins & Chambers—Hay Crane.



73264—S. T. Skinner—Ploce.

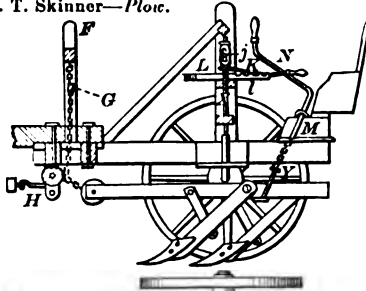
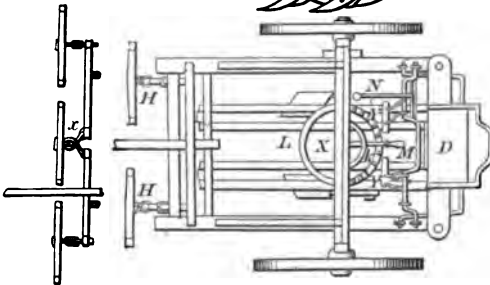
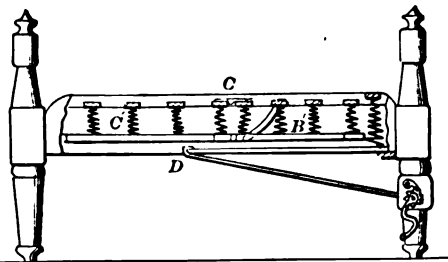
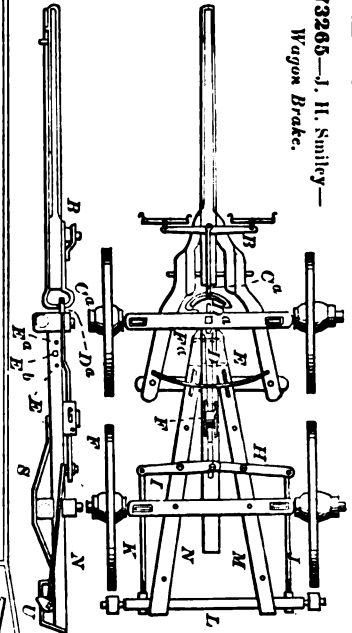


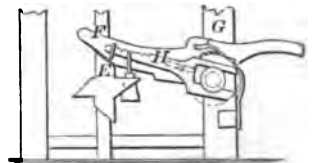
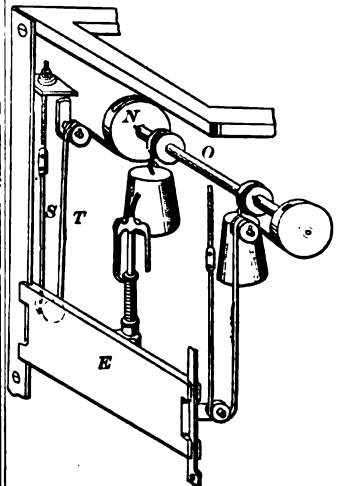
Fig. 3



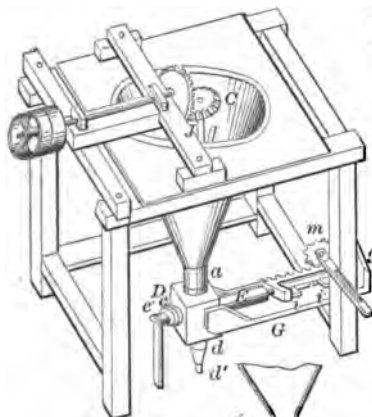
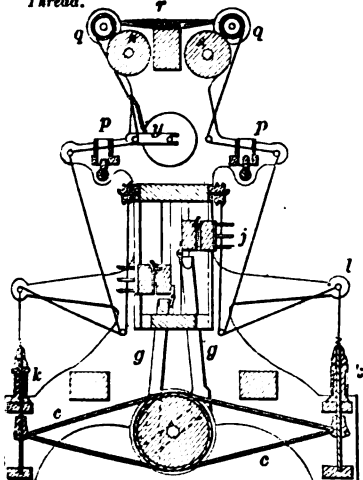
73268—J. D. Tift—Spring Bed Bottom.

73265—J. H. Smiley—
Wagon Brake.

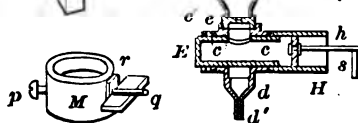
73266—O. Strong—Hand Loom.

73267—W. H. Thompson—
Roving Frame.

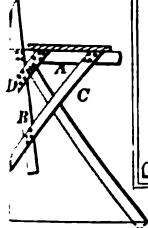
73269—W. W. Trapp—For Polishing Thread.



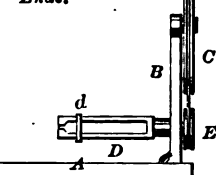
73272—J. Wilcox—For Filling Paint Cans.



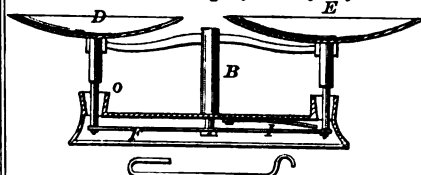
73274—J. S. Wilson—Bracket.



73270—F. K. Way—For Twisting Wax Ends.



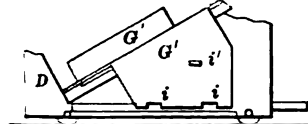
73273—J. D. Willoughby—Weighing Scales.



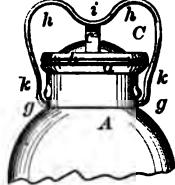
73275—B. F. Woodside—Friction Matches.



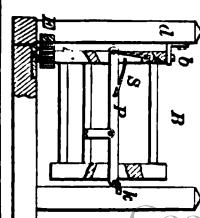
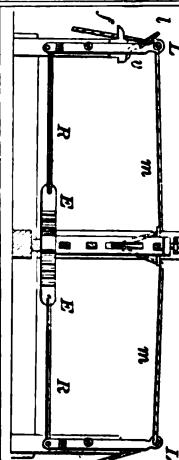
73276—J. R. Adams—Snow Plow.

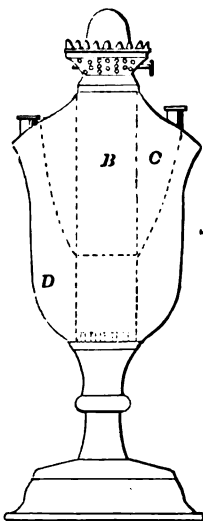


73271—E. B. Whitmore—Fruit Jar.



73277—R. Adams—Gate.





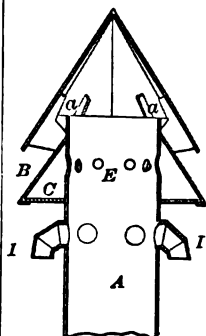
73278—J. Allen—Lamp.



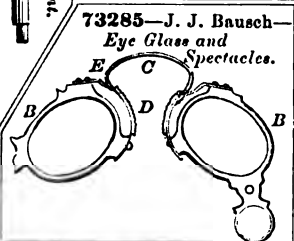
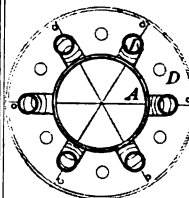
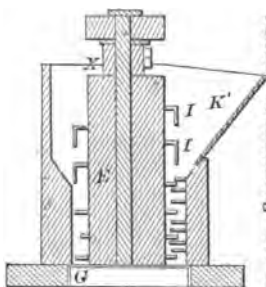
73286—W. W. Beebe—Harness Attachment.



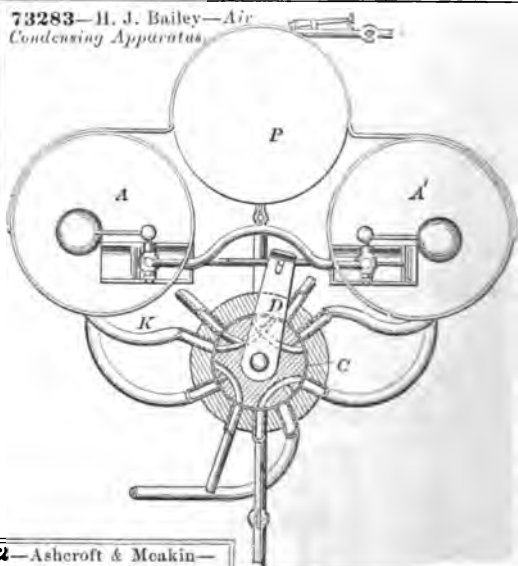
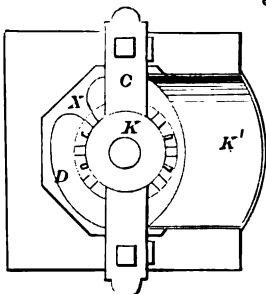
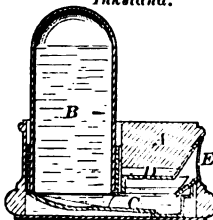
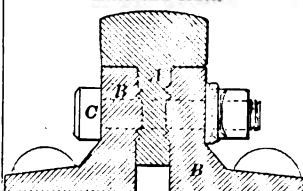
73279—C. H. Amidon—Bit Stock.



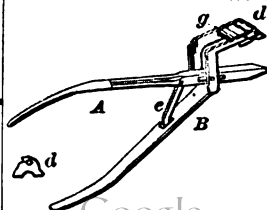
73280—J. W. C. Anderson—Ventilator and Chimney Cord.

73285—J. J. Bausch—
Eye Glass and Spectacles.73283—H. J. Bailey—Air
Condensing Apparatus.

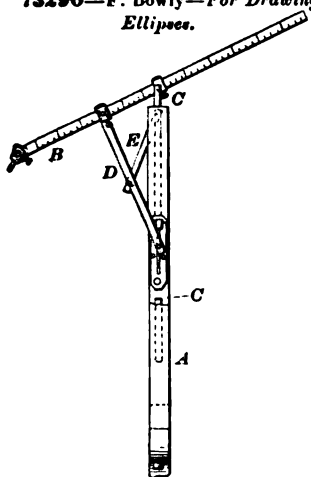
73281—H. Armstrong—For Making Cheese.

73284—N. G. Bartlett—
Inkstand.73282—Ashcroft & Meakin—
Railroad Rail.

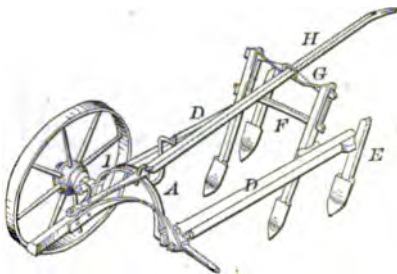
73289—J. Bounds—Pliers.



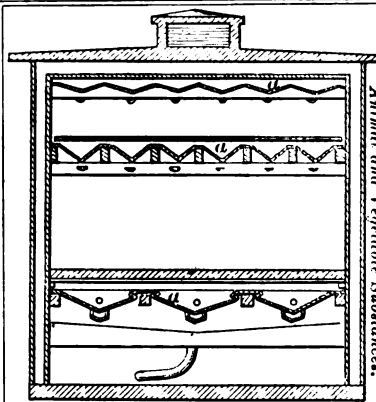
73290—F. Bowly—For Drawing Ellipses.



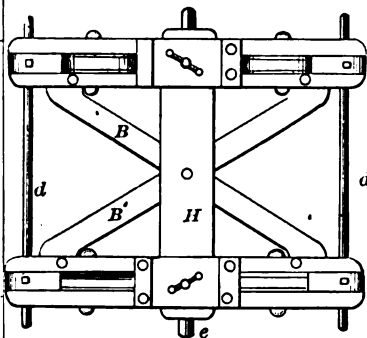
73291—J. C. Boyd—Cultivator.



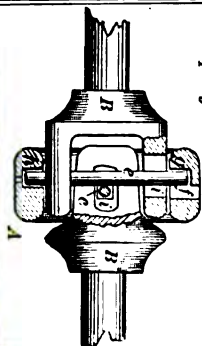
73292—E. D. Brainard—For Preserving Animal and Vegetable Substances.



73295—H. T. Carter—Car Truck.



73293—J. Brayley—Shaft Coupling.



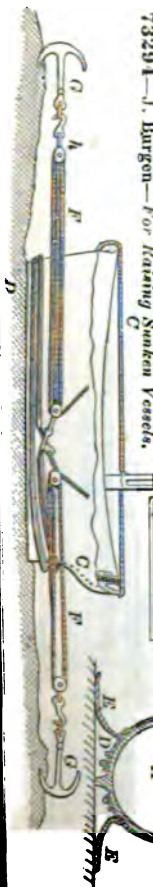
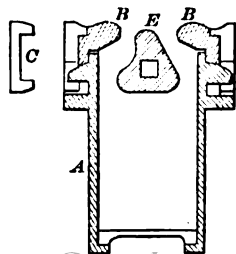
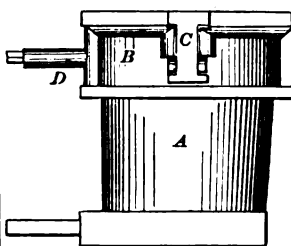
73296—S. Carusi—Postage Stamp.



73297—S. A. Chapman—Hinge.

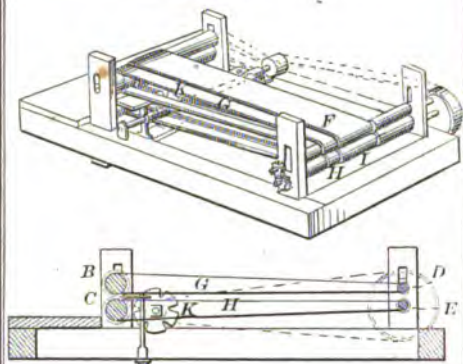


73299—R. W. Clark—Tuyere Iron.

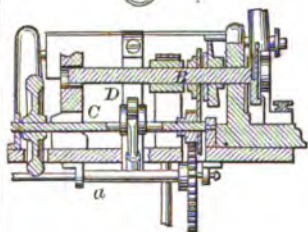
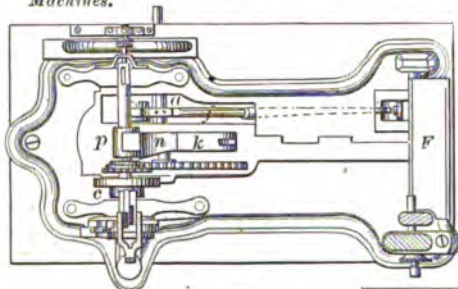


73294—J. Burgen—For Raising Sunken Vessels.

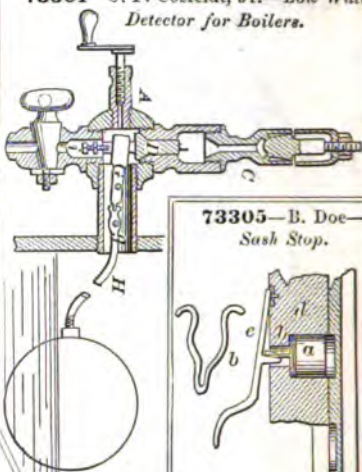
73299—Collins & Nixon—Seaming and Rag Cutting Machine.



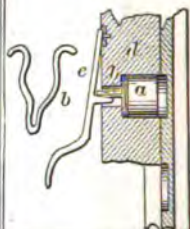
73303—G. Cuppers—For Operating Sewing Machines.



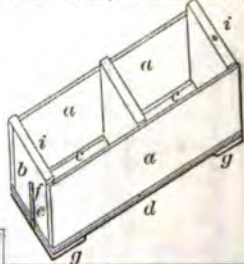
73301—C. F. Cosfeldt, Jr.—Low Water Detector for Boilers.



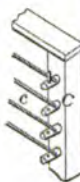
73305—B. Doe—Sash Stop.



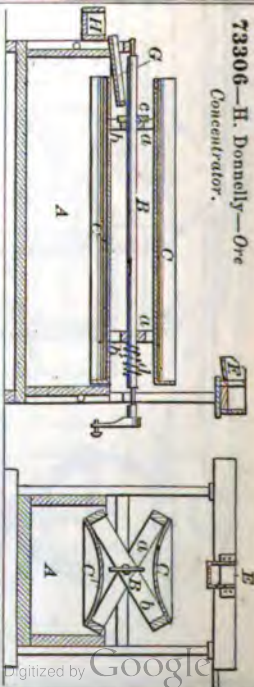
73300—I. Copeland—Fruit Box.



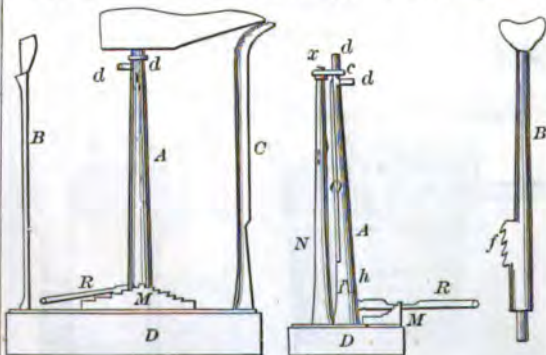
73302—F. H. Crandall—For Straining Wire Fences.



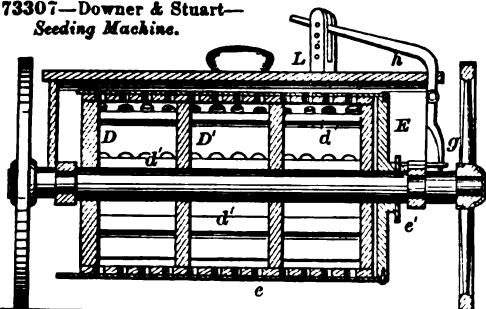
73306—H. Donnelly—Ore Concentrator.



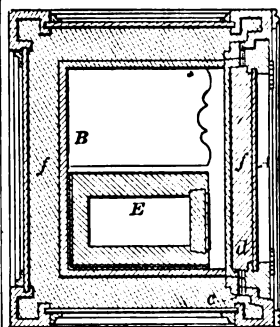
73304—H. T. Dillon—For Holding Boots and Shoes.



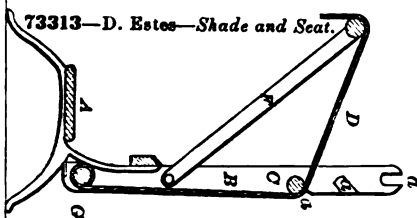
73307—Downer & Stuart—
Seeding Machine.



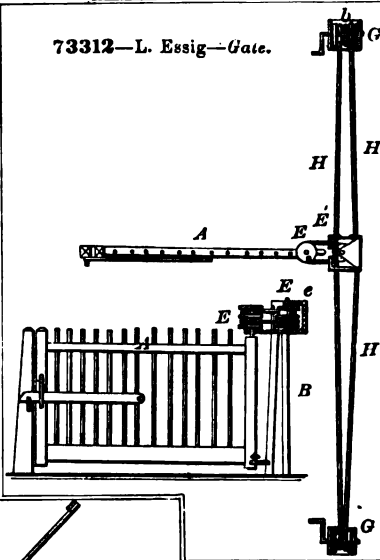
73309—Draper & Glover—
Fireproof Safe.



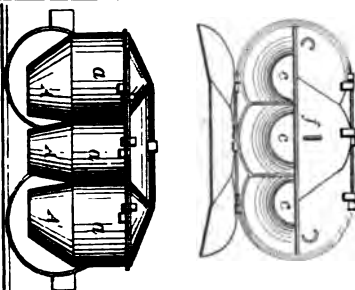
73313—D. Estes—Shade and Seat.



73312—L. Essig—Gate.



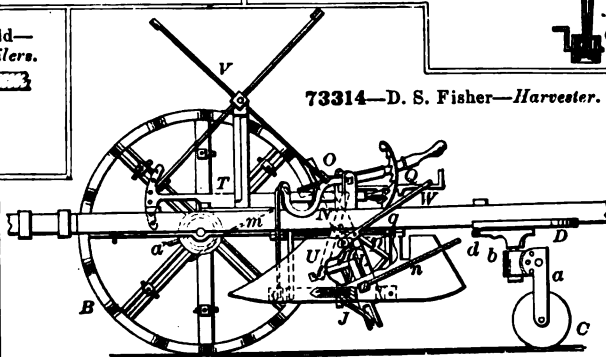
73308—S. W. Downey—
Freight Car.



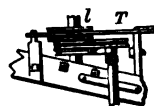
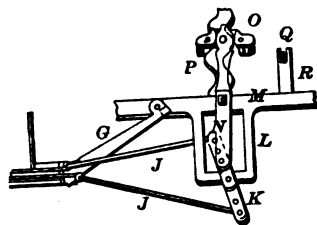
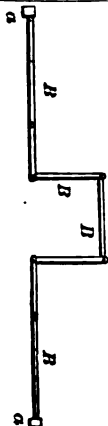
73311—T. G. Eiswald—
Safety Plug for Boilers.



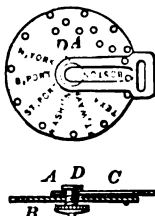
73314—D. S. Fisher—Harvester.



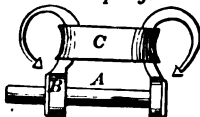
73310—A. L. Dunbar—Carpet Stretcher.



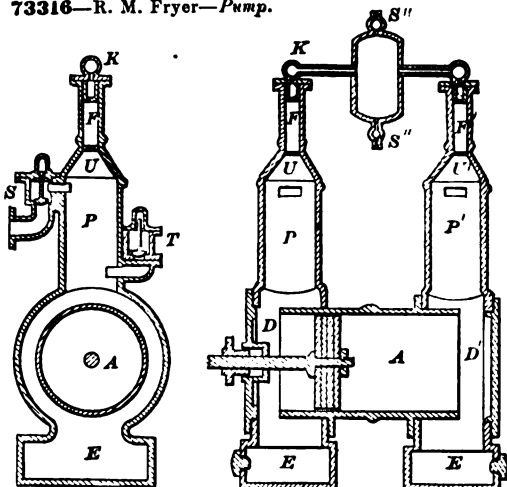
**73315—E. Flather—
Baggage Check.**



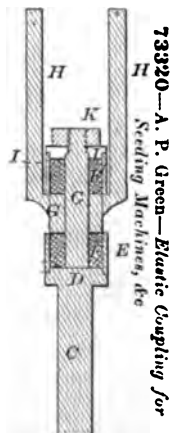
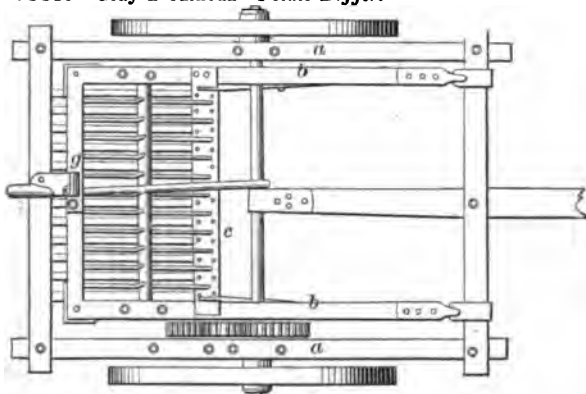
**73317—W. W. Goff—
Thill Coupling.**



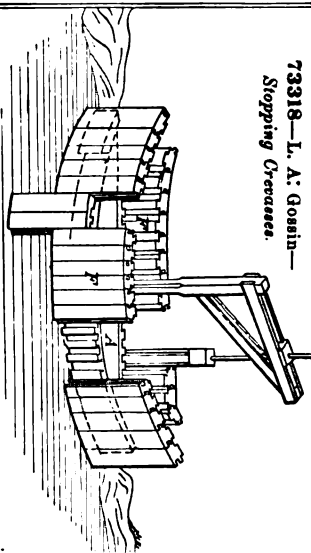
73316—R. M. Fryer—Pump.



73319—Gray & Calhoun—Potato Digger.

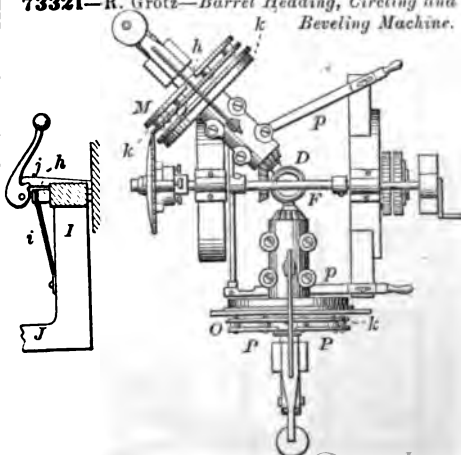


**73320—A. P. Green—Elastic Coupling for
Sliding Machines, &c.**

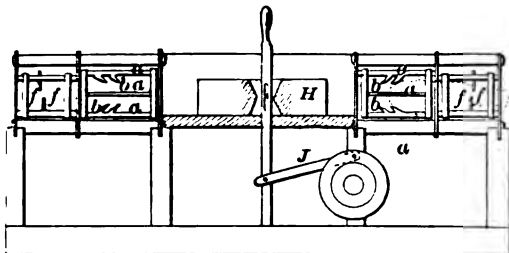


**73318—L. A. Goslin—
Stopping Crevasse.**

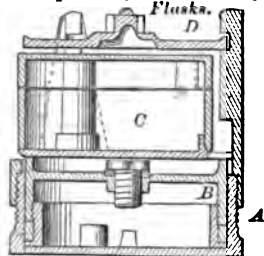
**73321—R. Grotz—Barrel Heading, Circling and
Beveling Machine.**



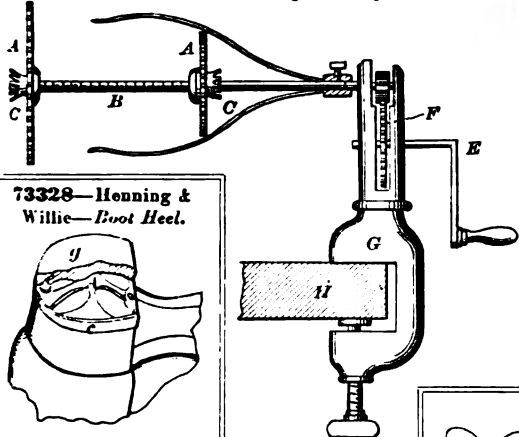
73323—J. R. Hamilton—*Corn Sheller.*



73326—G. E. Hayes—*Steam Compressor for Vulcanizing Flasks.*



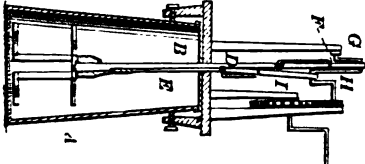
73324—J. R. Hamilton—*Lump Chimney Cleaner.*



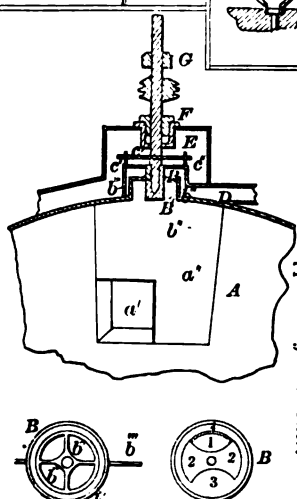
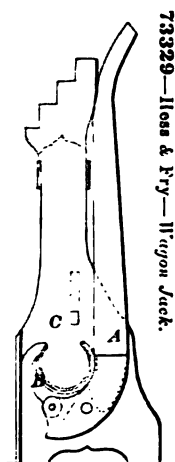
73328—Henning & Willie—*Foot Heel.*



73327—A. J. Heavner—*Churn.*

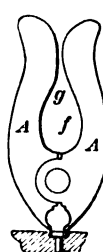


73329—Hoss & Fry—*Wagon Jack.*

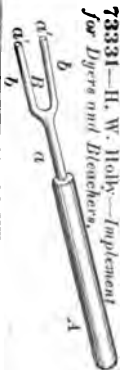


73332—T. C. Hooper—*Dry fire Meter.*

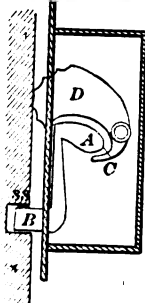
73330—H. W. Holly—*For Diving Nails.*



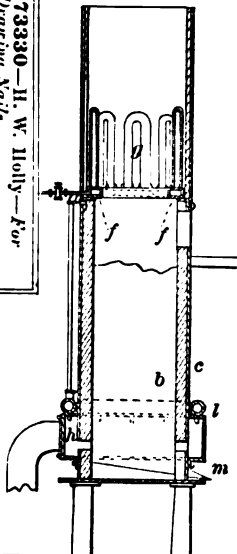
73331—H. W. Holly—*Implement for Digging and Bleaching.*

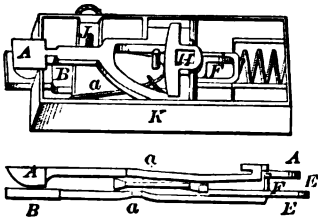
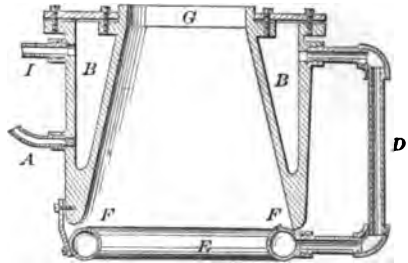
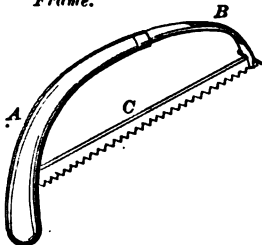
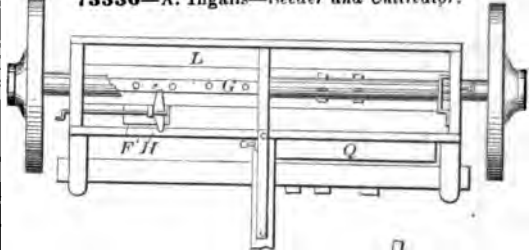
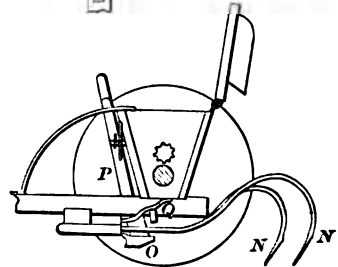
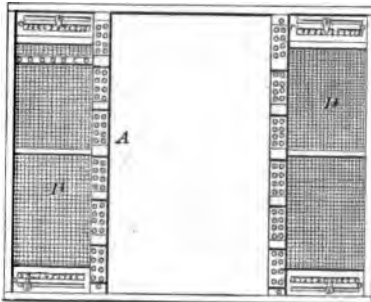
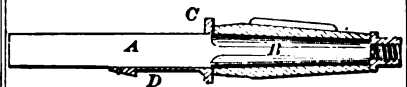
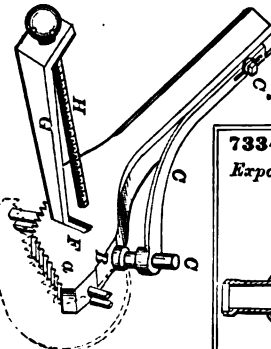
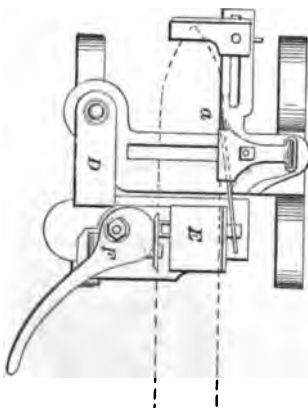
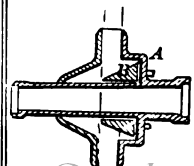


73325—J. W. Hunsel—*Stock Fastener.*

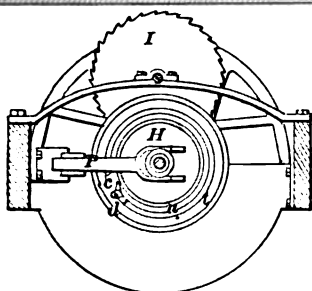
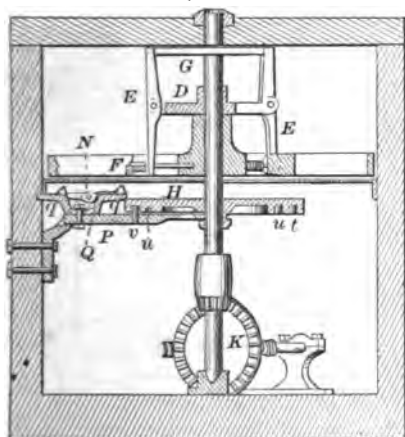


73333—J. Howarth—*Cupola Furnace.*

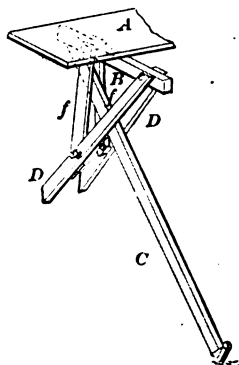


73334—W. L. Inlay—Locking Knob Latch.**73335—W. L. Inlay—Hydro Carbon Burner.****73341—M. J. Jones—Saw Frame.****73336—A. Ingalls—Seeder and Cultivator.****73337—R. S. Jennings—Cribbage Board.****73340—D. Jones—Wagon Axle.****73338—N. Johnson—Swage for Saw Teeth.****73342—A. I. Judge—Expanding Wheel Hub.****73339—W. W. Johnson—For Pointing Pickets.**

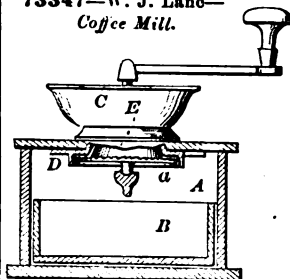
73343—E. Keith—Shingle Machine.



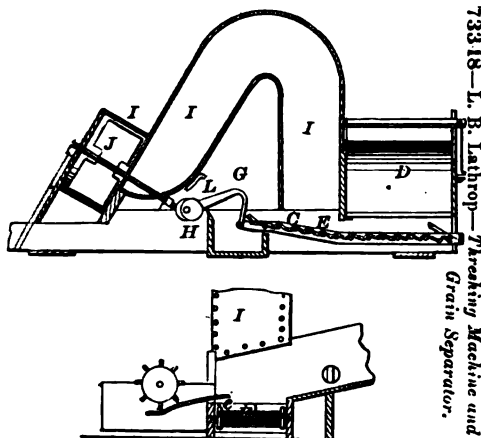
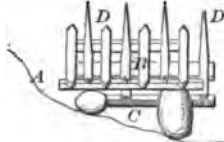
73346—Lamb & Livings—Scaffold.



73347—W. J. Lane—Coffee Mill.

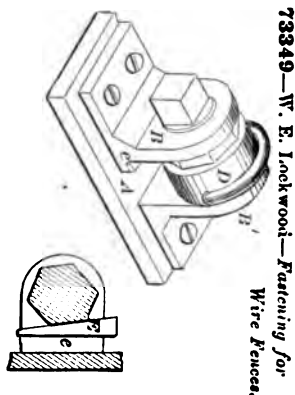
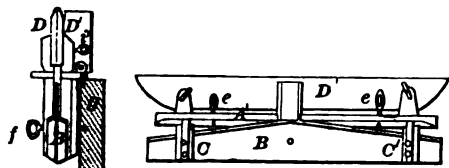


73345—H. A. Kephart—Stream or River Fence.



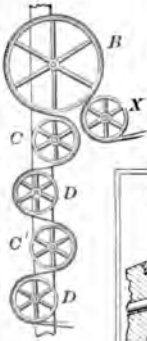
73348—L. B. Lathrop—Threshing Machine and Grain Separator.

73344—C. Kendig—Clamp for Filing Saws.

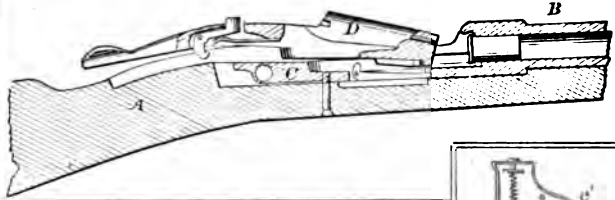


73349—W. E. Lockwood—Fastening for Wire Fences.

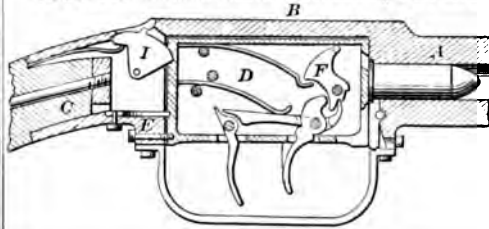
73350—W. E. Lockwood—For Drying Envelopes.



73351—H. Lord—Cartridge Extractor.



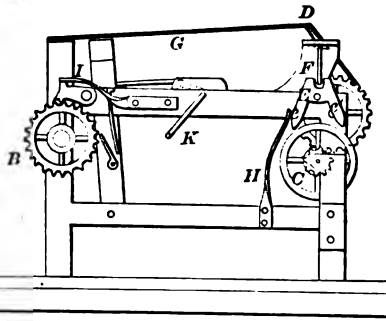
73357—J. E. McBeth—Breech-Loading Fire Arm.



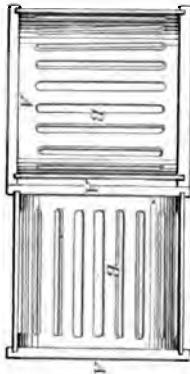
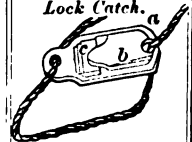
73356—R. Martin—Pocket Watch Tester.



73353—J. A. Marden—Let-off for Looms.

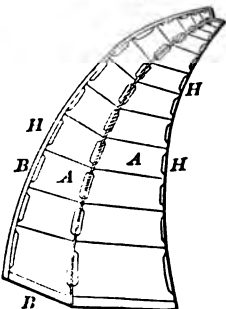
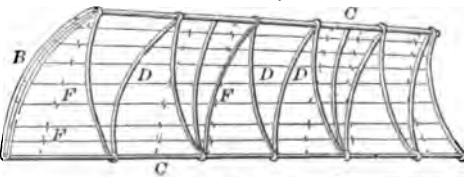


73358—E. P. McCeney—Lock Catch.

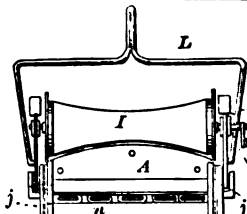
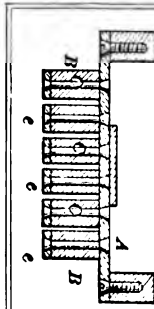


73352—T. Mabbett, Jr.—Drying Rack.

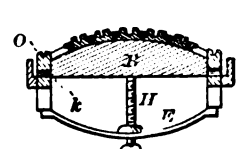
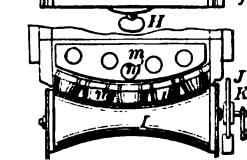
73355—W. M. Marshall—Reflector.



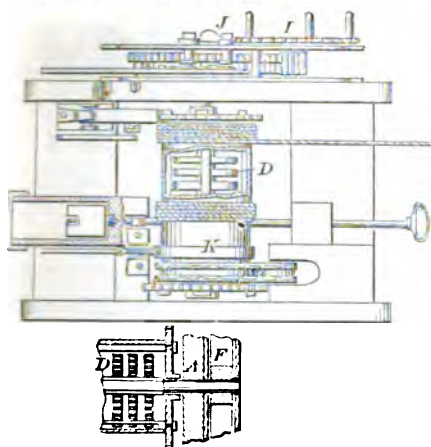
73354—G. F. Marks—Mould for Manufacturing Tobacco.



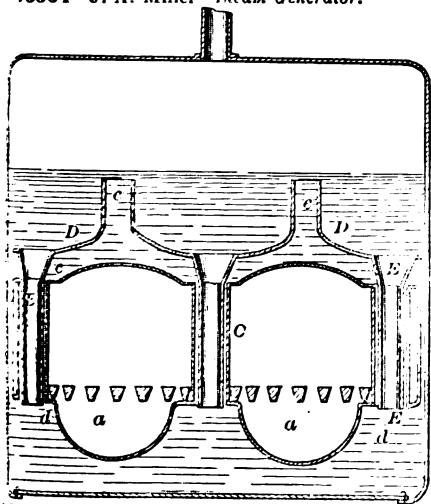
73359—J. McDermott—Elastic Printing Apparatus.



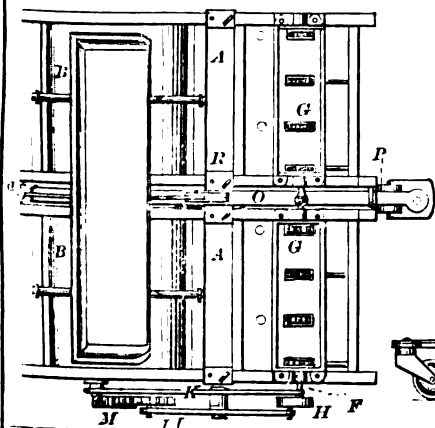
73360—W. G. McIvor—Windlass.



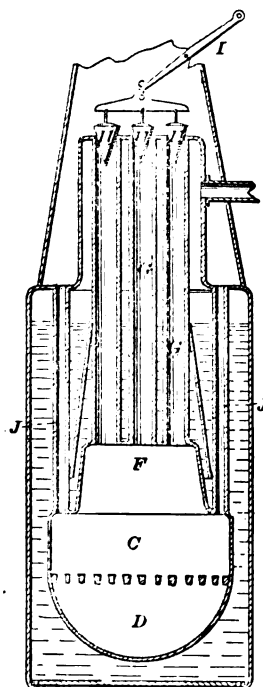
73364—J. A. Miller—Steam Generator.



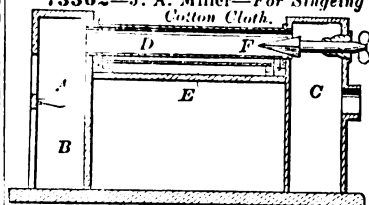
73365—T. S. Mills—Drill, Roller and Cultivator.



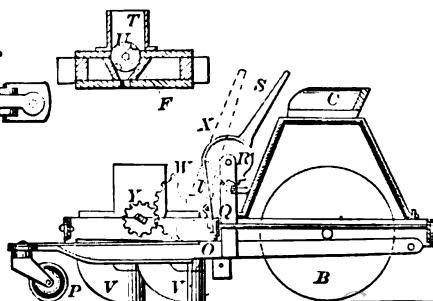
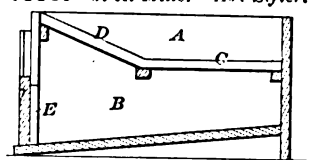
73363—J. A. Miller—Steam Generator.

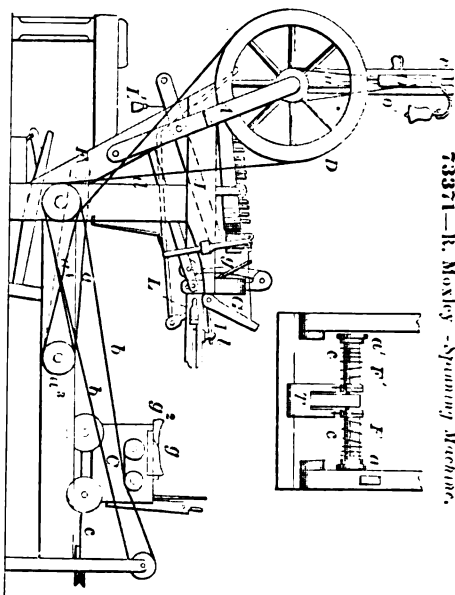
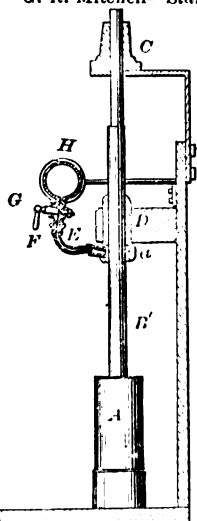
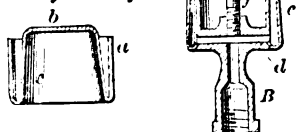
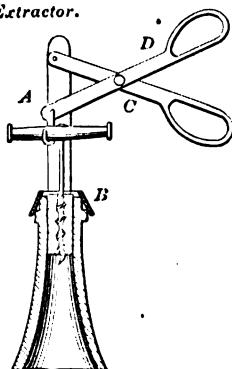
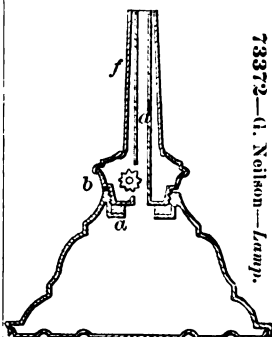
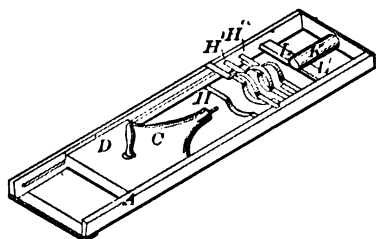
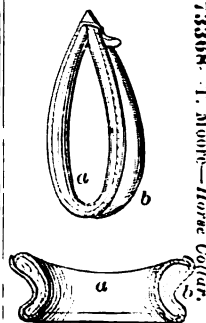
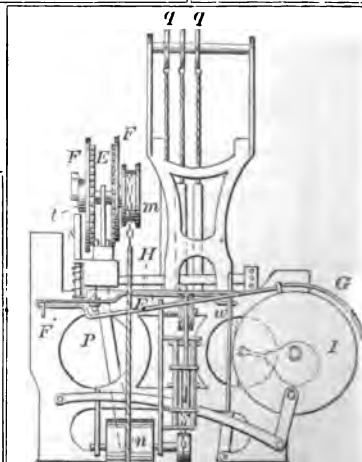


73362—J. A. Miller—For Singeing Cotton Cloth.

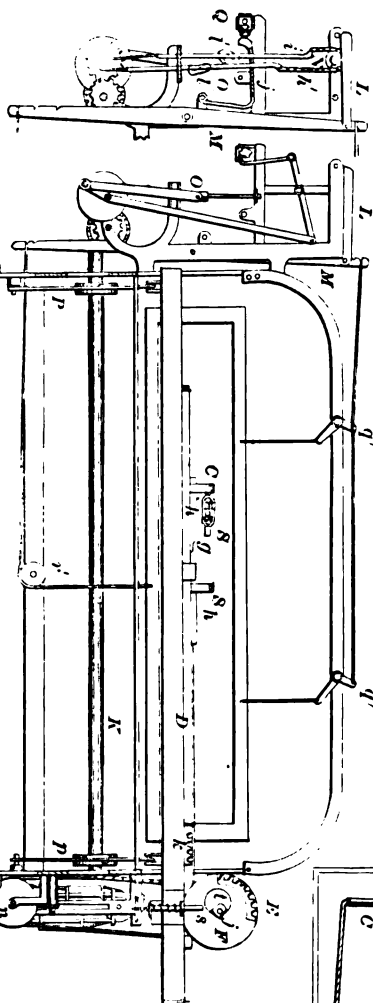


73361—J. A. Miller—Ash Sifter.

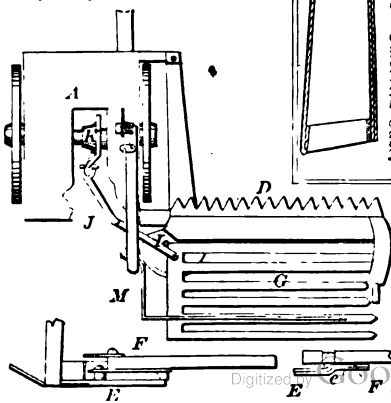


73366—G. R. Mitchell—*Stamp Mill.*73371—R. Moxley—*Spinning Machine.*73367—G. Mooney—*Gas Burner's Manufacture of.*73370—J. Morton—*Cork Extractor.*73373—H. & J. S. B. Norton—*Apple Slicer.*73372—G. Neilson—*Lamp.*73368—T. Moore—*Horse Collar.*73374—H. & E. Oldfield—*Loom.*

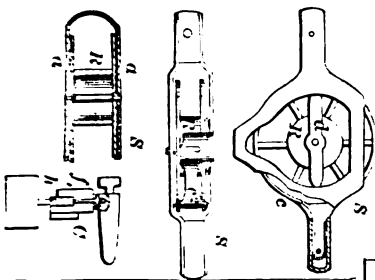
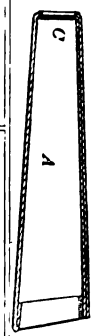
73374—Continued.



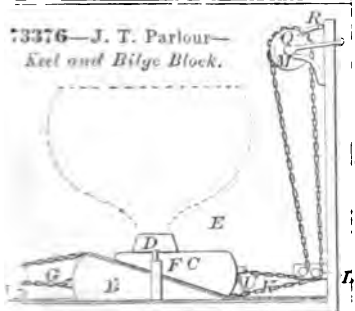
73380—G. M. Peters—
Platform for Harrosters.



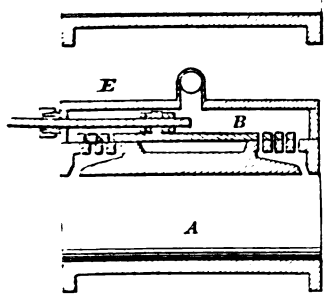
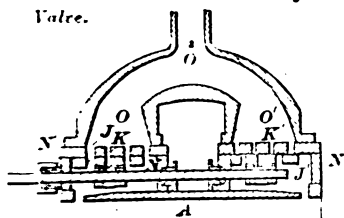
73378—S. H. Pearce—Umbrella Case.



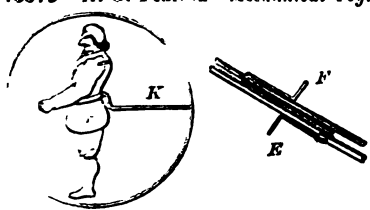
73376—J. T. Parlour—
Keel and Bilge Block.

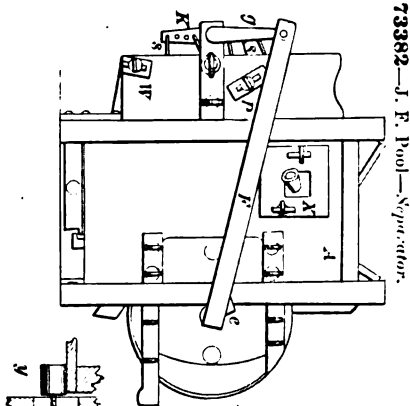


73381—W. G. Pike—Steam Engine
Valve.

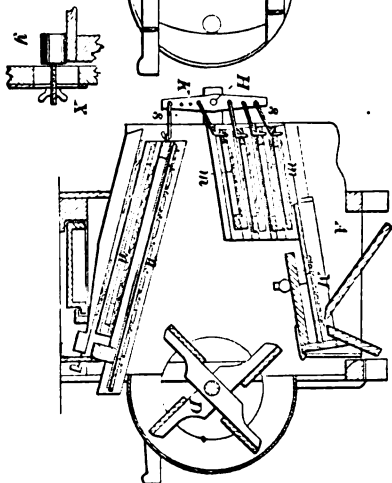


73379—H. G. Pearson—Mechanical Toy.

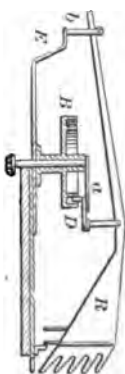




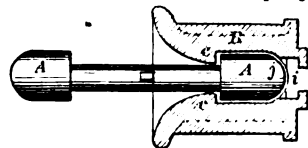
73382—J. F. Pool—Separator.



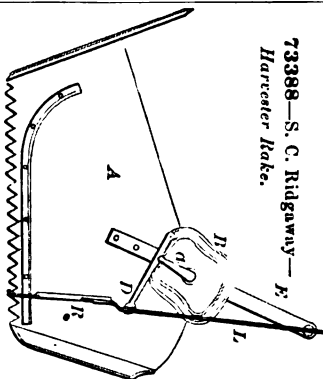
73383—Potter & Abell—Bored Hone.



73385—H. Resley—Car Coupling.

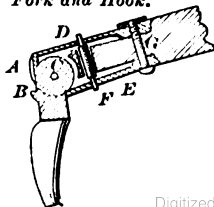


73386—J. C. Rhodes—Crutch.

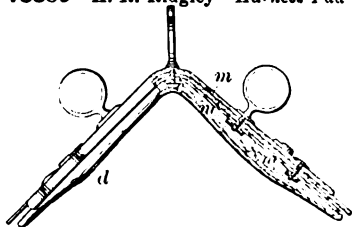


73388—S. C. Ridgway—Harvester Blade.

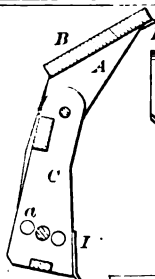
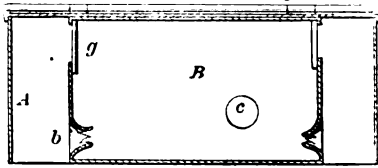
73390—L. Riggs—Fork and Hook.



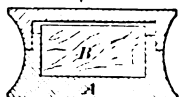
73389—H. R. Ridgley—Harness Pad



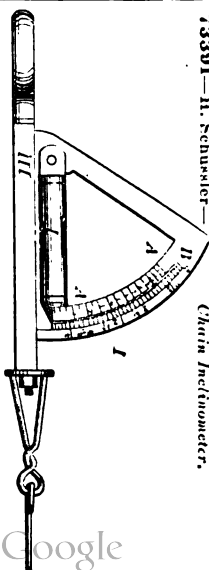
73384—S. Reed—Animal Trap.



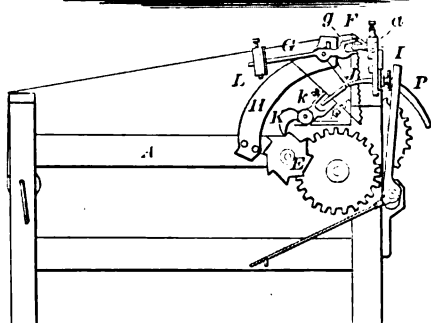
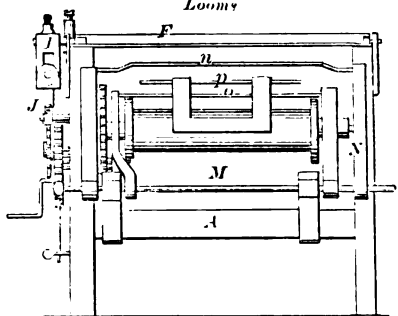
73387—P. Richmond—Keeping Scaffold.



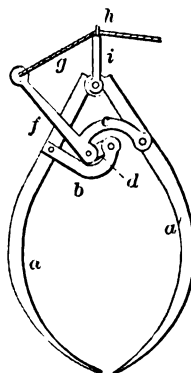
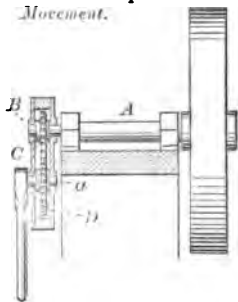
73391—H. Schuster—Chain Inclino-meter.



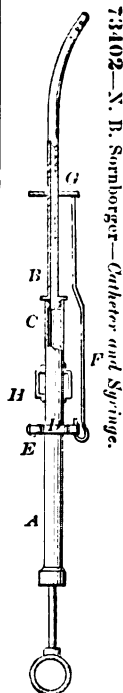
73399—Smith & Ely—*Let-off Mechanism for Looms*



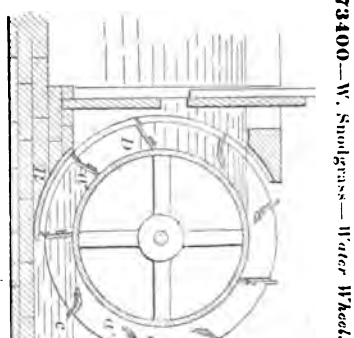
73401—E. Soper—*Mechanical Movement*



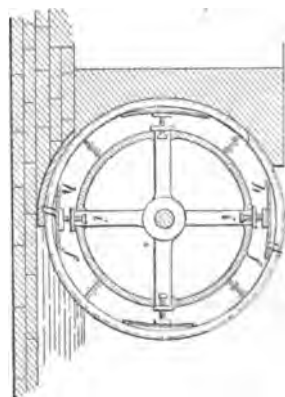
73403—J. C. Spear—*Horse Hay Fork*



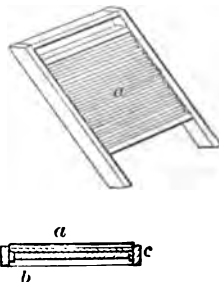
73402—N. B. Sornborger—*Cutlery and Syringe*



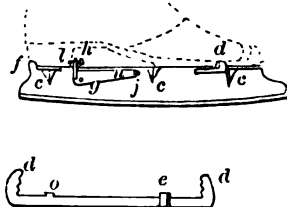
73400—W. Studgrass—*Water Wheel*



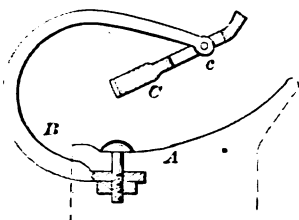
73404—E. M. Stevens—*Wash Board*



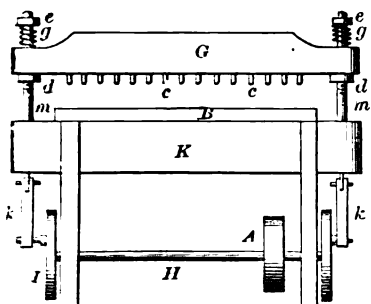
73405—W. X. Stevens—*Skate*



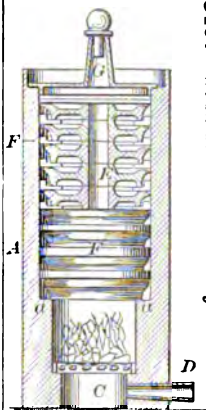
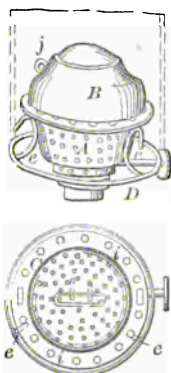
73406—F. W. Stokes—Check Rein Hook



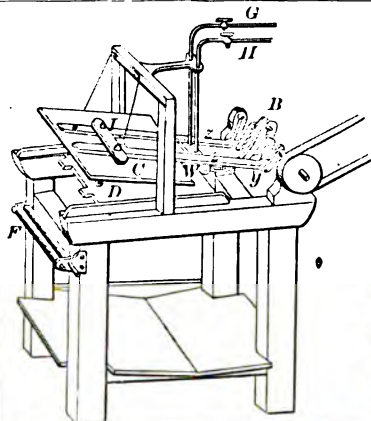
**73408—J. Tidd—For Softening
Leather and Hides.**



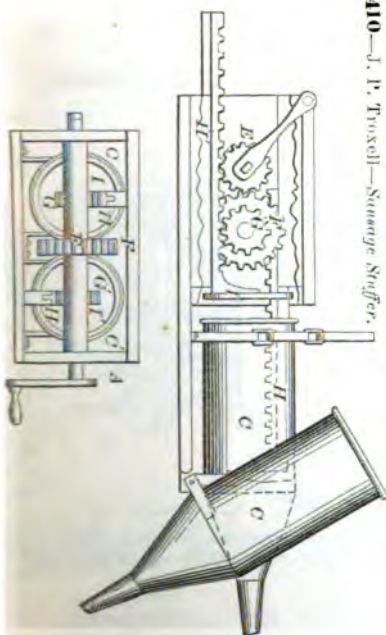
73407—W. K. Thomas—Annealing Furnace

73409—H. Tilden--*Lamp.*

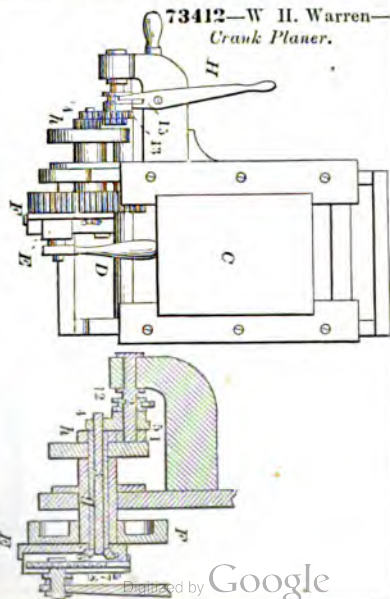
73411—H. Warner—For Sizing Hat Bodies



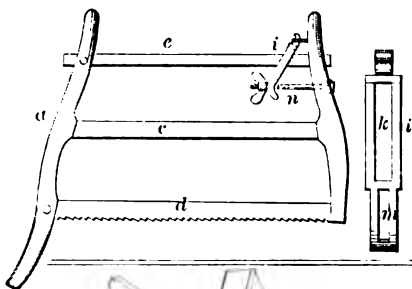
73410—J, L, Troxell—Sausage Stuffer.



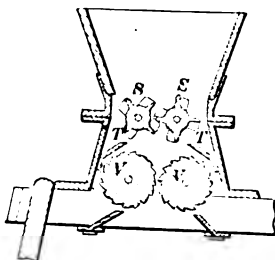
73412—W H. Warren—
Crank Planer.



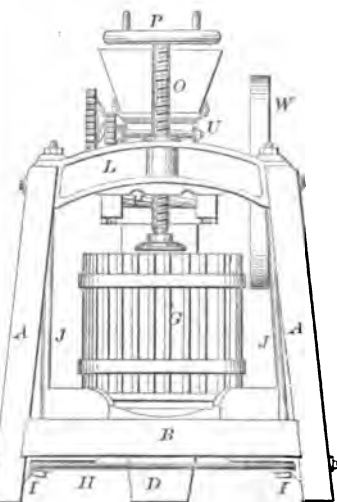
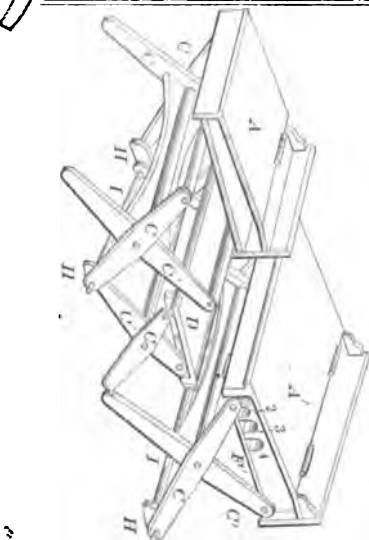
73413—J. R. Webster—Straining Wood Saws.



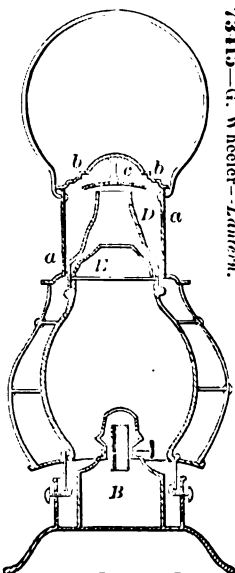
73417—Whitely, Fassler & Kelly—Cider Mill.



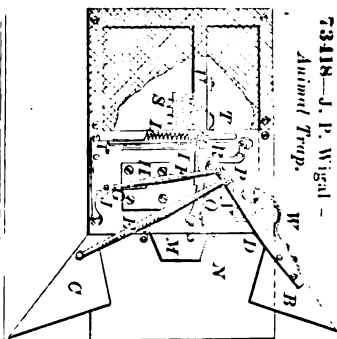
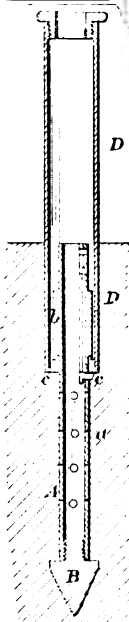
73416—H. W. White—Leak and Seat.



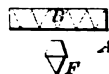
73415—G. Wheeler—Lantern.



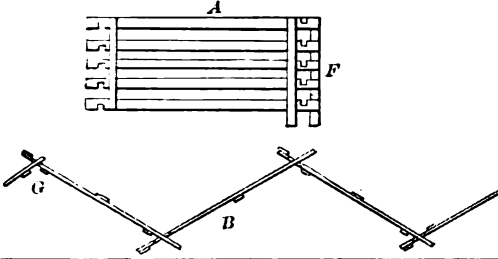
73414—Welch & Miller—Tube Well.



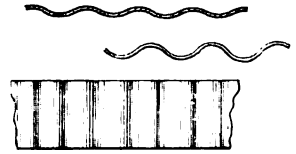
73419—E. Wiley—Pen.



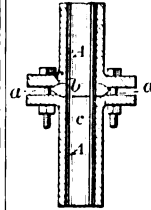
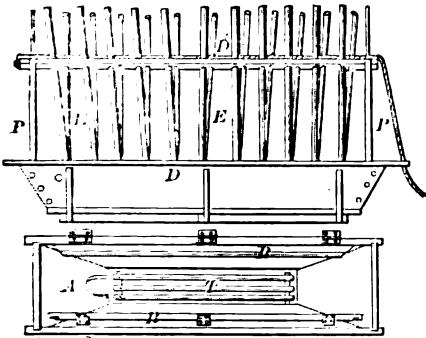
73420—J. Will—Worm Fence and Pen.



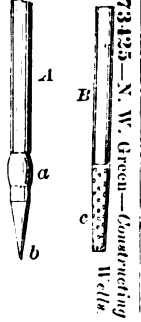
73421—J. B. Wilson—Vencer.



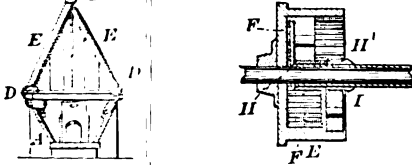
73426—J. D. McBride—Trough and Rack for Feeding Sheep, &c.



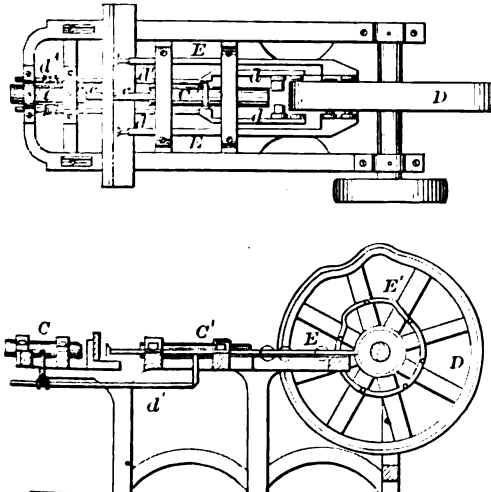
73422—L. Wilson—Pipe Coupling.



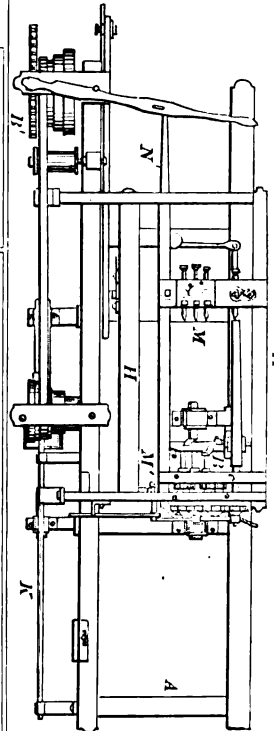
73424—W. F. Goodwin—Hurster.

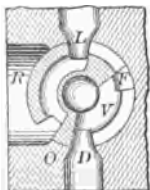
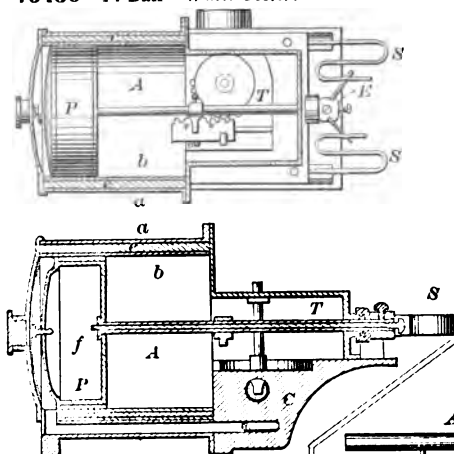
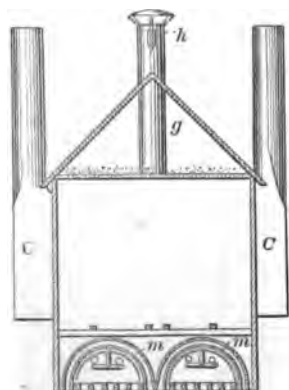
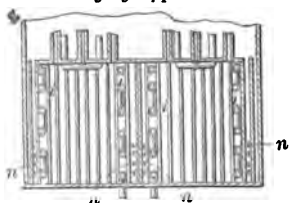
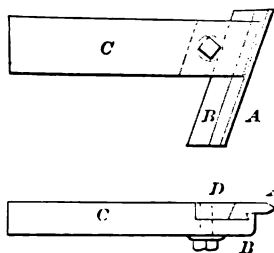
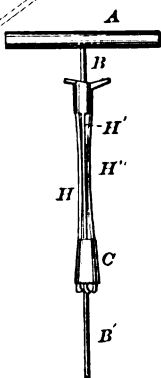
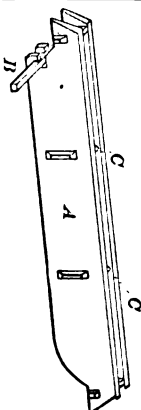
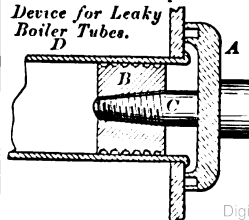
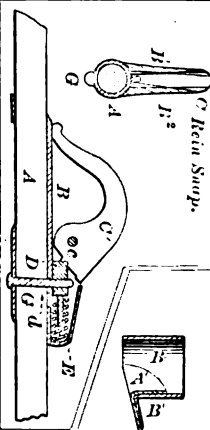
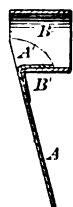
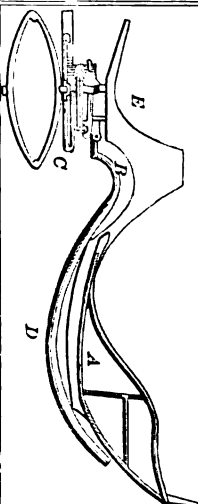


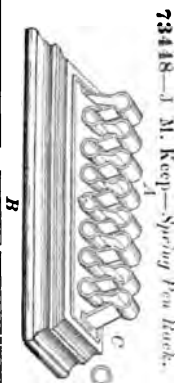
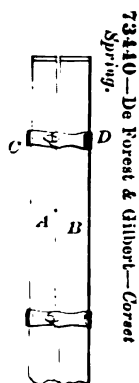
73428—Baggerman & Green—Mortising Machine.



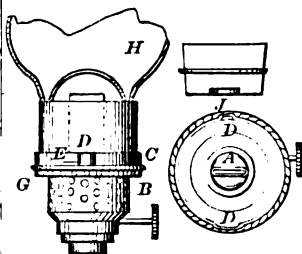
73423—E. K. Wisell—Wood Turning Lathe.



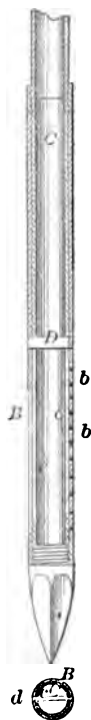
73430—P. Ball—*Water Meter.*73433—J. K. Caldwell—*Brick Drying Apparatus.*73431—E. B. Beach—*Screw Cutting Tool.*73435—S. E. Clapp—*Cork Pull.*73436—G. H. Clarke—*Furnace Grate Bar.*73439—R. A. Copeland—*Device for Leaky Boiler Tubes.*73432—W. H. Benham—*Rein Soap.*73437—W. T. Clement—*Hoe*73438—Cooper & Gregory—*Carriage Perch.*



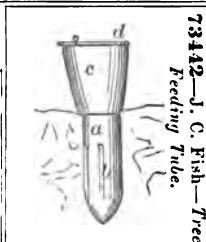
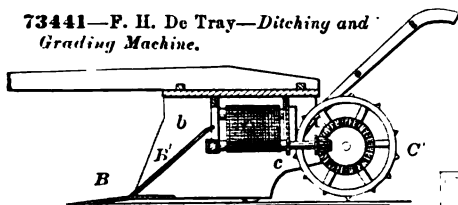
73443—S. W. Fowler—Lamp.



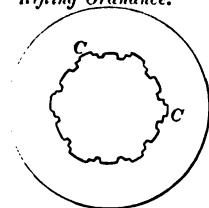
73446—W. T. Horner—Well Tube.



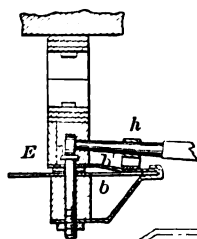
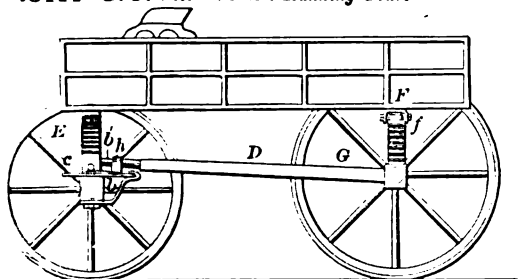
73441—F. H. De Tray—Ditching and Grading Machine.



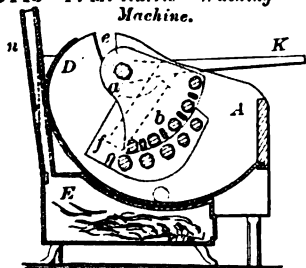
73447—B. B. Hotchkiss—Rifling Ordnance.



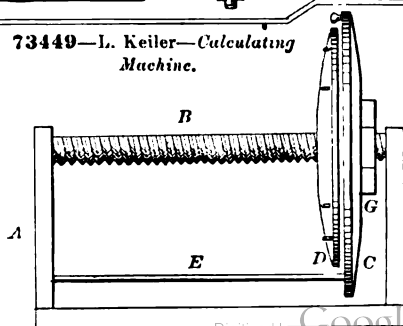
73444—D. D. Gitt—Vehicle Running Gear.

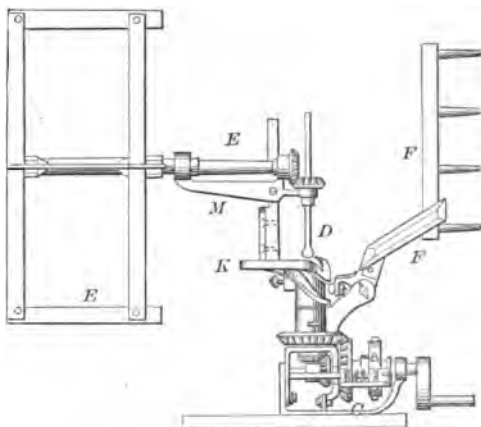
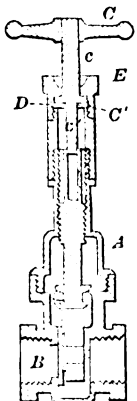
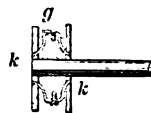
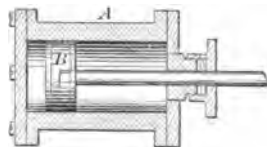
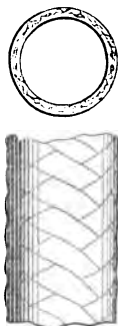
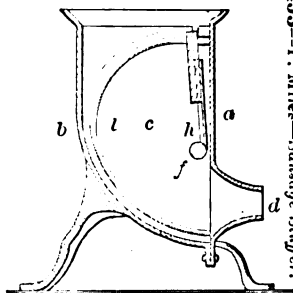
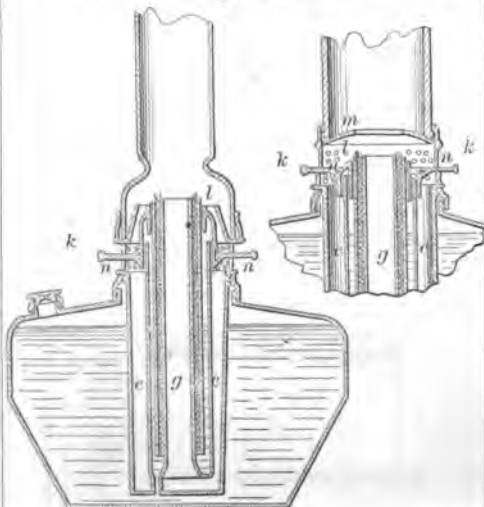
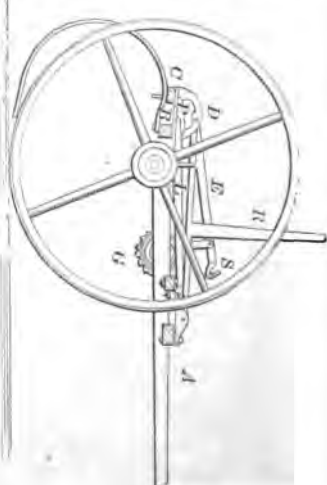


73445—F. M. Harris—Washing Machine.

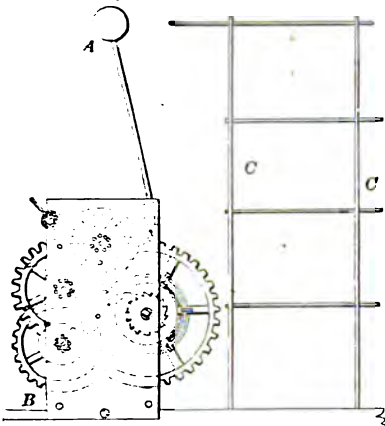


73449—L. Keiler—Calculating Machine.

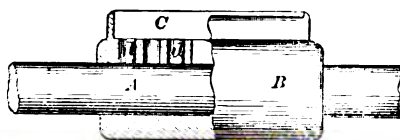


73452—W. G. Merrell—*Harvester Rake.*73451—H. O. Lothrop—*Coating Heel and Toe Iron.*73450—C. Kline—*Stuffing Box for Valve Stems.*73456—A. Nadow—*Piston.*73454—W. H. Miller—*Piston Rod Packing.*73453—P. Mite—*Sewage Strainer.*73455—Murray & Howland—*Argand Lamp for Burning Petroleum.*73457—O. Nivison—*Horse Rake.*

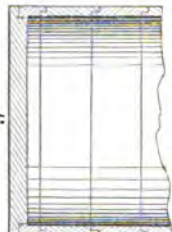
73458—W. H. Noble—*For Preventing the Curculion from Ascending Fruit Trees.*



73459—L. H. Olmsted—*Lubricating Bearing for Machinery.*



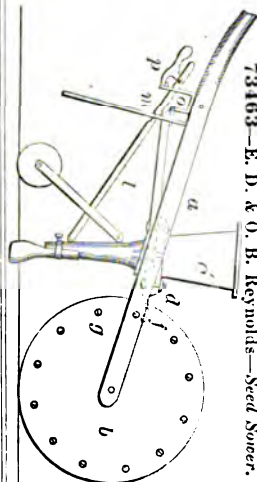
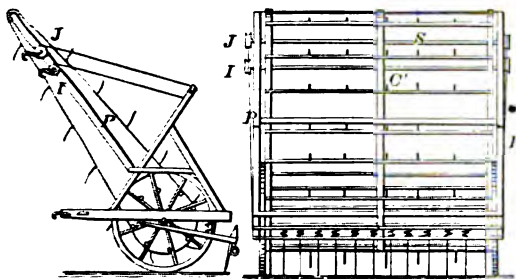
73461—L. Raymond—*Making Butcher.*



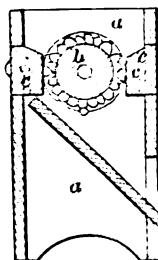
73462—J. Reist—*Shoemaker's Knife.*



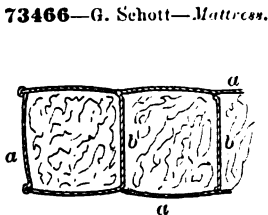
73460—C. Plaisted—*Hay Raker and Loader.*



73463—E. D. & O. B. Reynolds—*Seed Sower.*

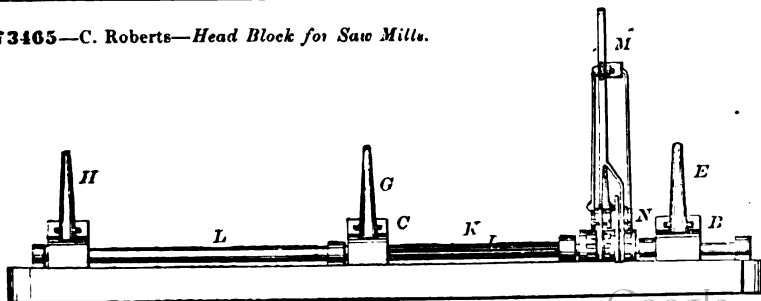


73464—N. Richardson—*Meat Cutter.*



73466—G. Schott—*Mattress.*

73465—C. Roberts—*Head Block for Saw Mills.*



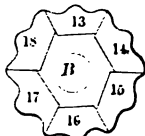
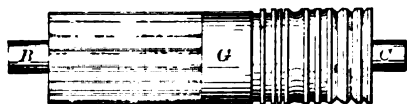
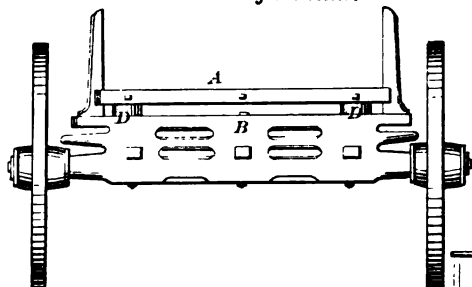
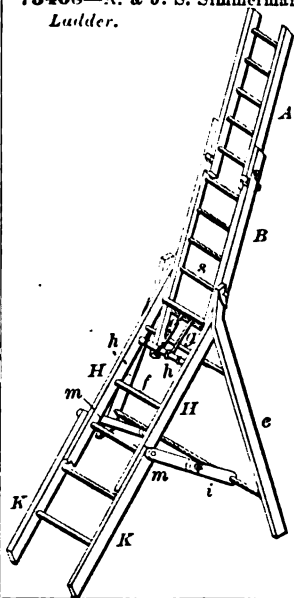
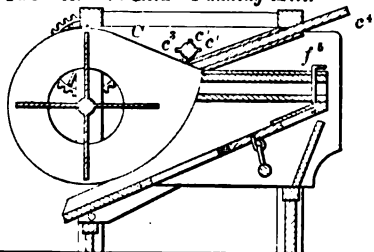
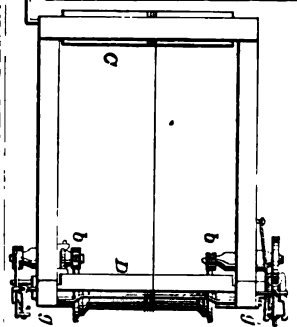
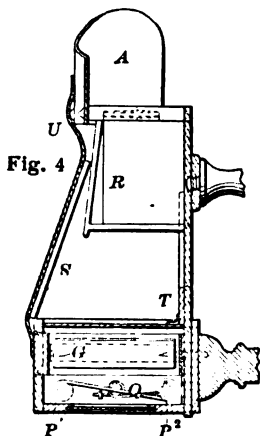
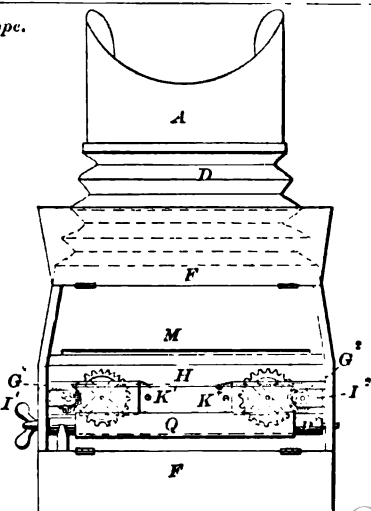
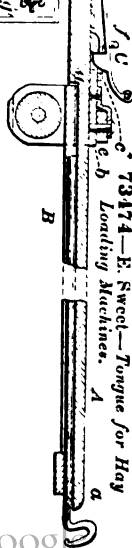
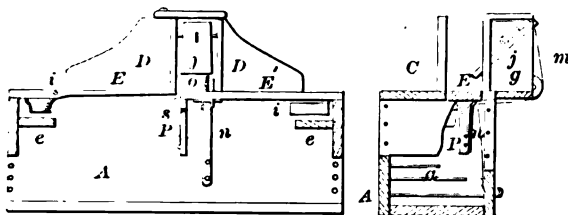
73467—S. J. Seely—*Iron Roll.*73471—C. Stebbins—*Wagon Bolster.*73468—A. & J. S. Zimmerman—*Ladder.*73469—A. W. Smith—*Fanning Mill.*73470—T. S. Smith—*Let-off for Looms.*73472—J. W. Storrs—*Stereoscope.*

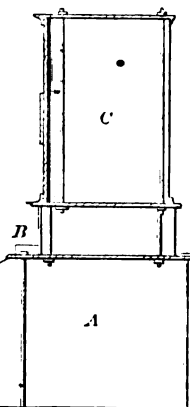
Fig. 4

73474—E. Sweet—*Tongue for Hay Loading Machines.*

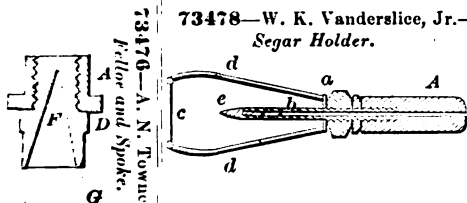
73475—N. S. Thompson—Animal Trap.



73477—A. N. Towne—Cool Box Store.



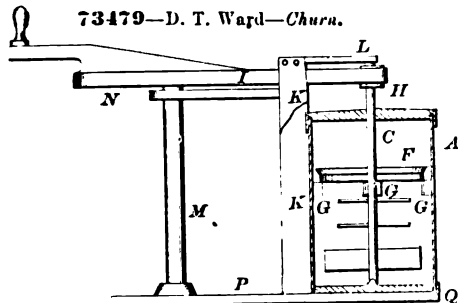
73478—W. K. Vanderslice, Jr.—Segar Holder.



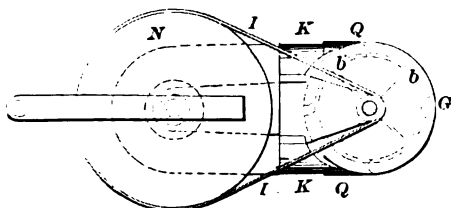
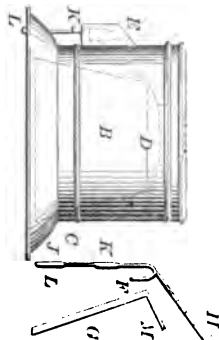
73476—A. N. Towne—Felloe and Spoke.



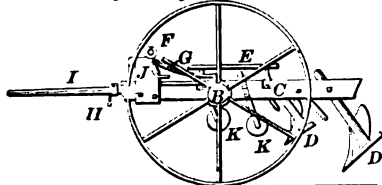
73479—D. T. Ward—Churn.



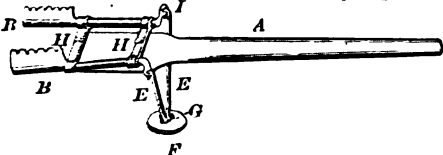
73481—Wentworth & Clark—Lantern.



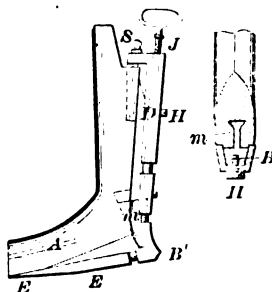
73480—S. Way—Gang Plow.



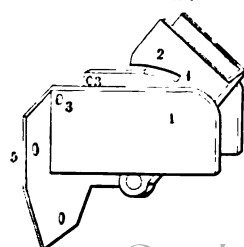
73482—J. R. Woodworth—For Pulling Hop Poles.



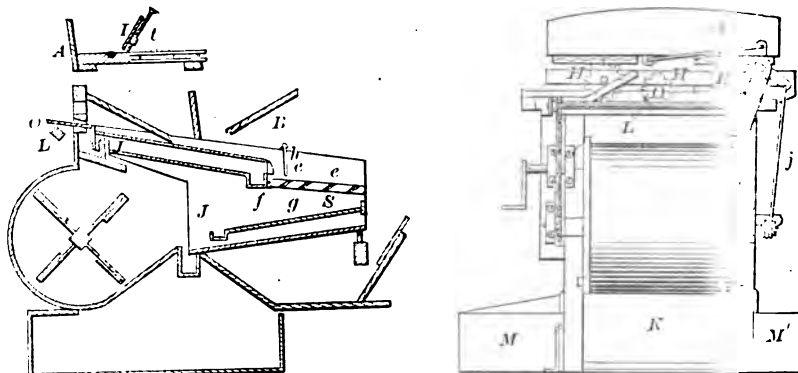
73483—H. Wright—Bed Crimp.



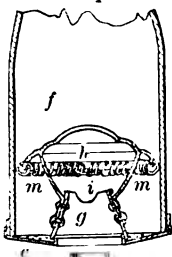
73484—M. Adams—Chock for Whale Boats.



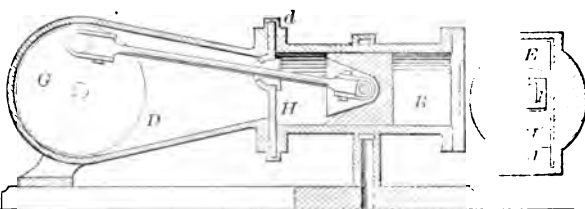
73485—S. Adams—Winnowing Mill.



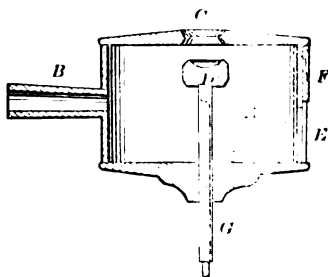
73488—L. J. Atwood—Lamp.



73489—H. Bailey—Steam Engine.



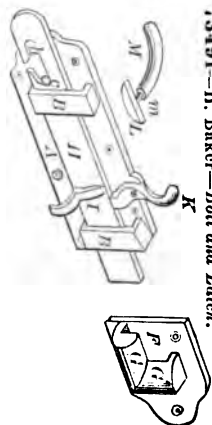
73490—L. M. Bailey—Cast Iron.



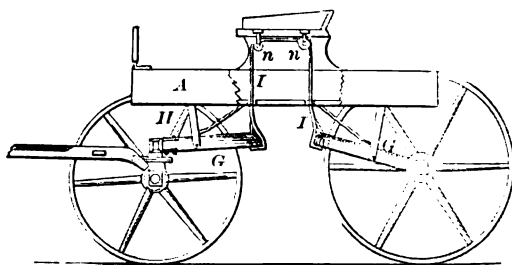
73487—J. L. Arman—Electric Cable.



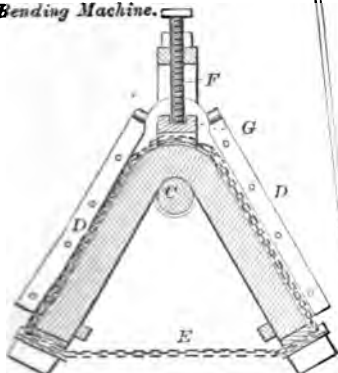
73491—H. Baker—Bolt and Nut.



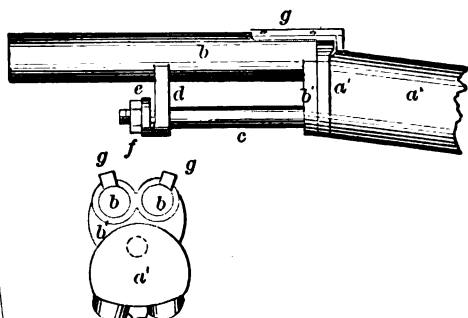
73492—Blair & Gladding—For Hanging Carriage Bodies.



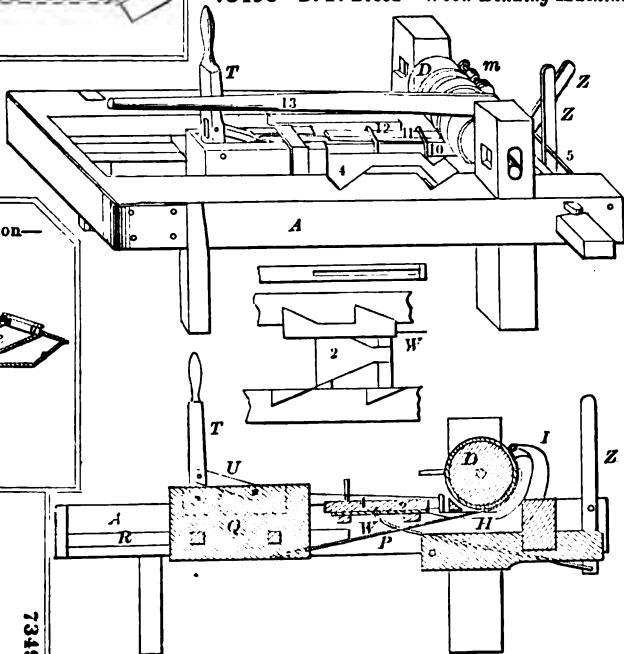
73493—I. W. Bowers—Wood Bending Machine.



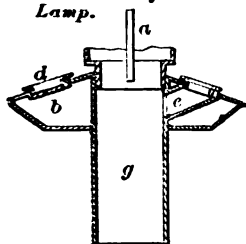
73494—Boyd & Shelton—Breech-Loading Fire Arm.



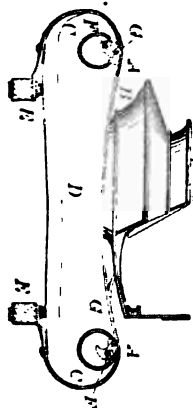
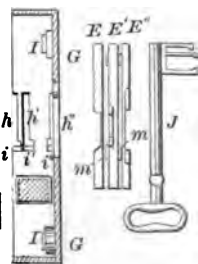
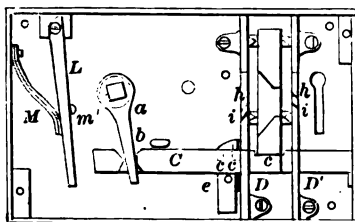
73496—D. F. Breed—Wood Bending Machine.



73495—O. Boynton—Lamp.

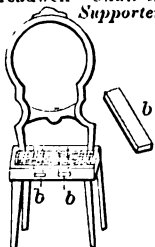


73498—C. Brown—Knob Latch and Knob.

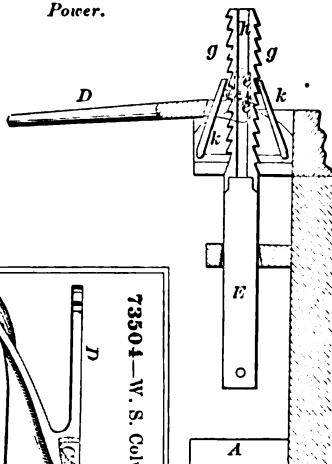


73497—E. C. Brooks—Spring Attachment to Vehicles.

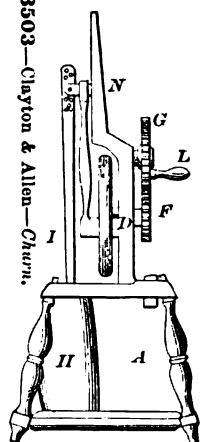
73499—Butterfield & Treadwell—*Chair Seat Supporter.*



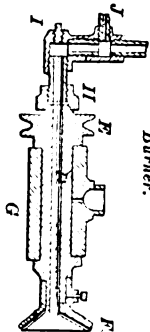
73500—N. Carpenter—*Hop Press Power.*



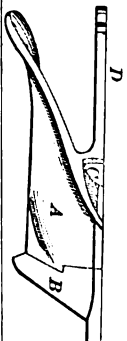
73503—Clayton & Allen—*Churn.*



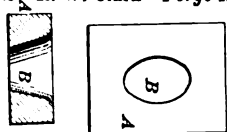
73506—F. Cook—*Hydro-Carbon Burner.*



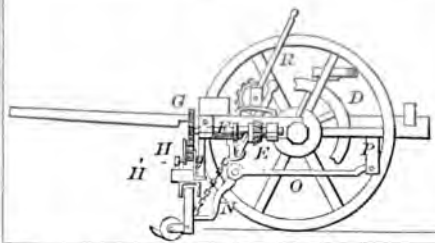
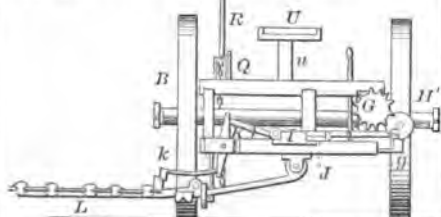
73504—W. S. Colwell—*Plow.*



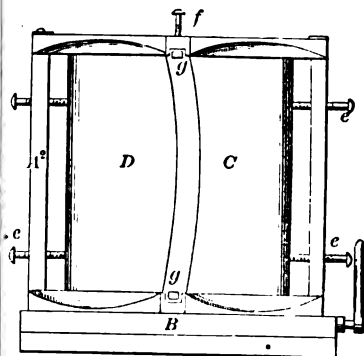
73502—R. W. Clark—*Forge Hearth.*



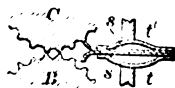
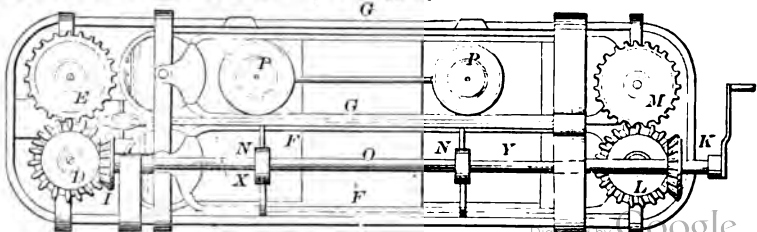
73501—W. D. Carpenter—*Harvester.*



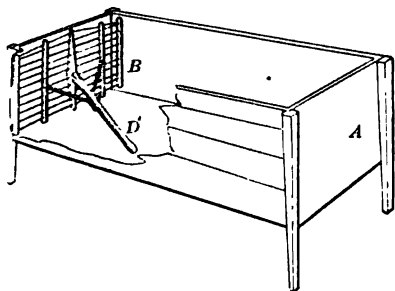
73505—W. S. Colwell—*Stave Machine.*



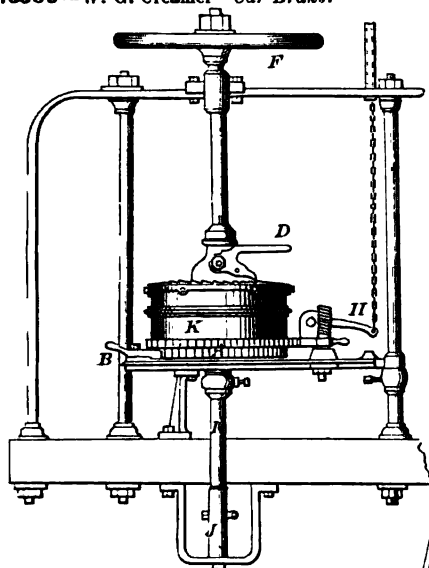
73507—J. F. Cranston—*For Making and Dipping Matches.*



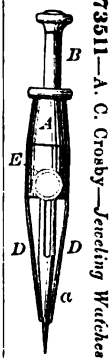
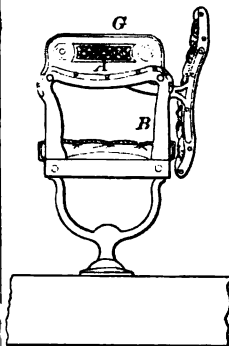
73508—P. Crary—Curd Breaker.



73509—W. G. Creamer—Car Braks.

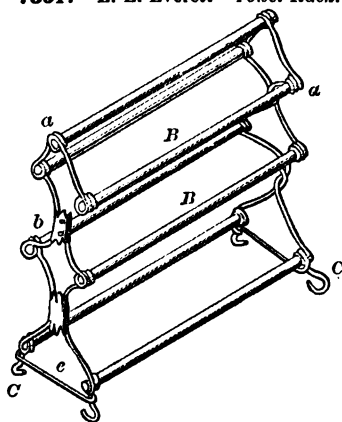


73510—W. G. Creamer—Cur Seat.

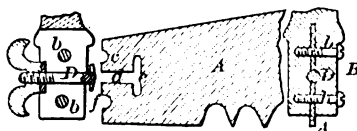


73511—A. C. Crosby—Fencing Machine

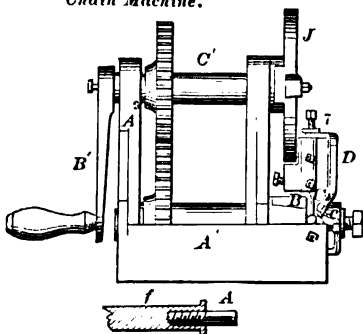
73517—E. E. Everett—Towel Rack.



73516—T. S. Disston—Cross Cut Saw.



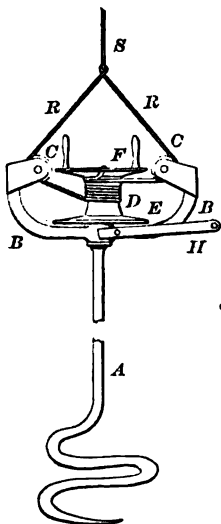
73518—Fitzpatrick & Schinneller—Chain Machine.

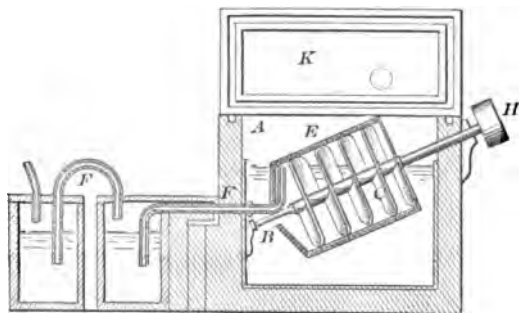
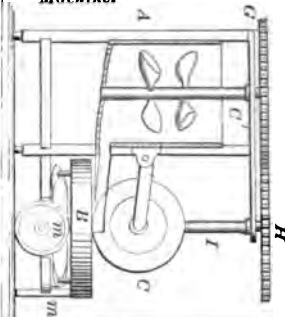
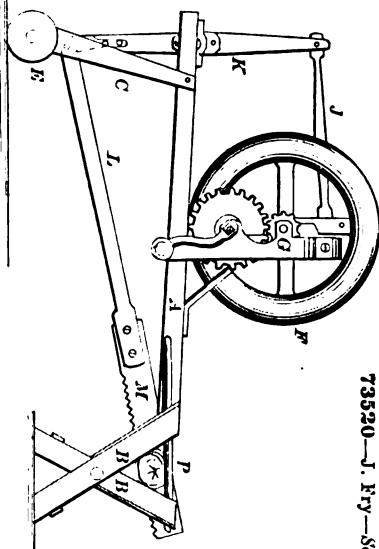
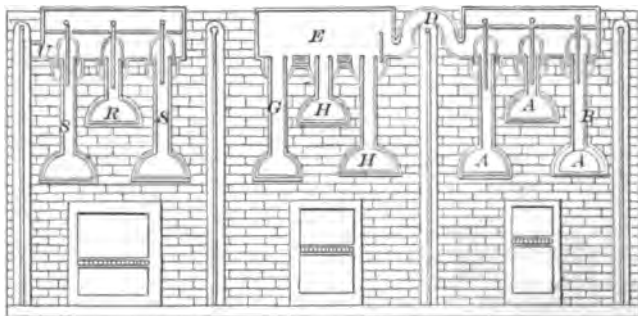
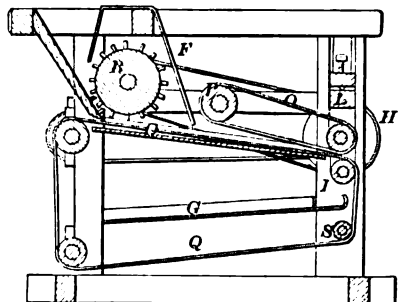
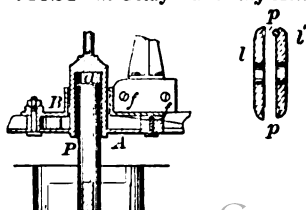


73513—J. D. Dale—For Discovering Firearms in Wells.

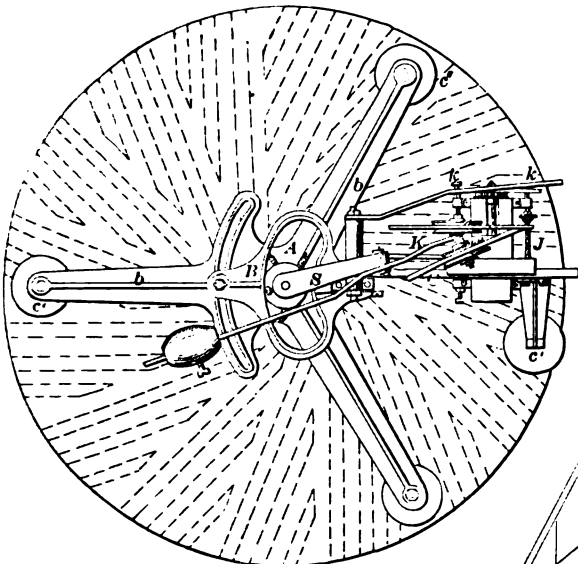


73515—H. E. Dewey—Horse Hay Rake.

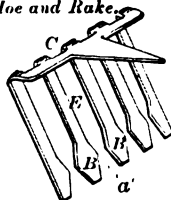


73519—F. Formhals—*For Collecting Metallic Vapors.***73522**—R. M. Gano—*Brick Machine.***73521**—R. M. & A. R. Fryer—*Manufacture of Illuminating Gas.***73520**—J. Fry—*Sawing Machine.***73523**—L. Gebhart—*Cider Mill.***73524**—S. Golay—*Dressing Mill Stone.*

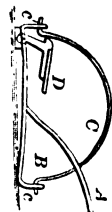
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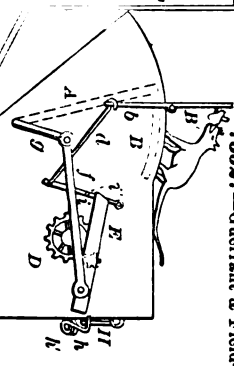
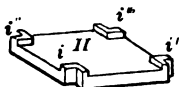
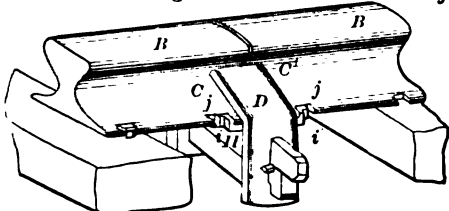
73525—
R. H. Gordon, Sr.—
Hoe and Rake.



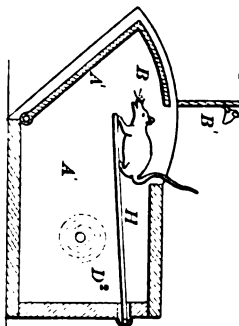
73526—Goss & Rais—
Steel Trap.



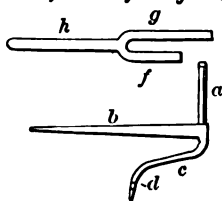
73529—N. Headington—Railroad Rail Fastening



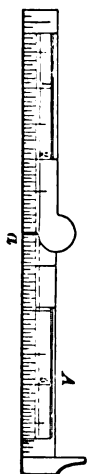
73527—Guerrant & Field—Rat Trap.



73533—C. Kaulbeck—
Manufacture of Hinge Hooks.



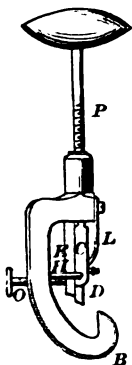
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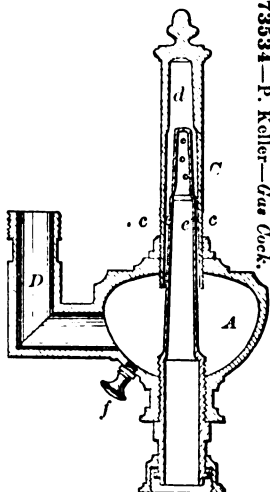
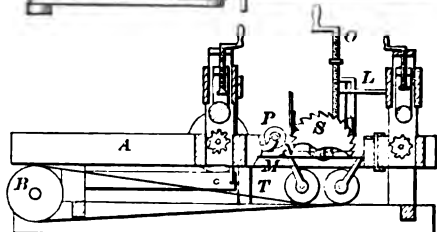
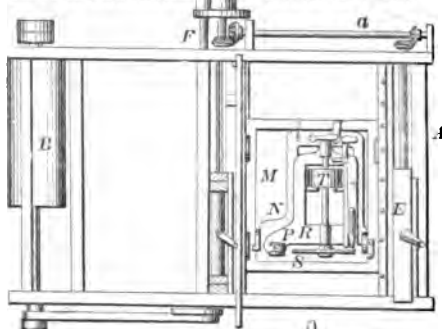
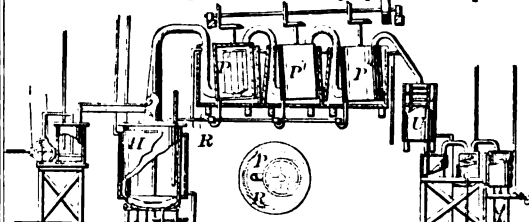
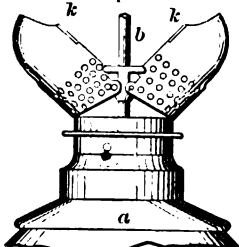
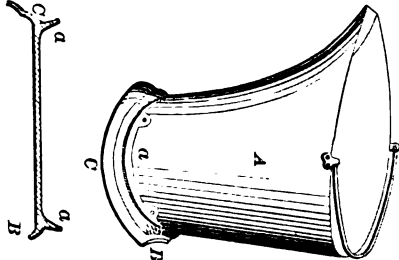
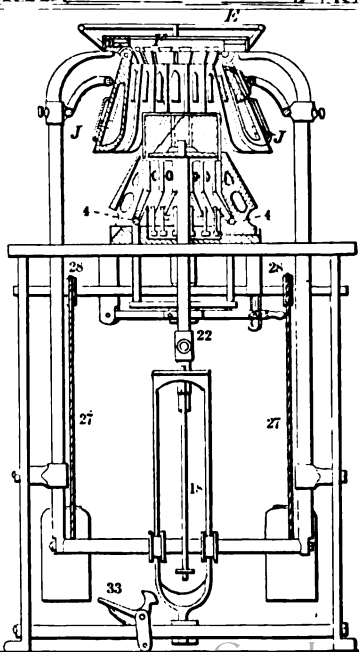
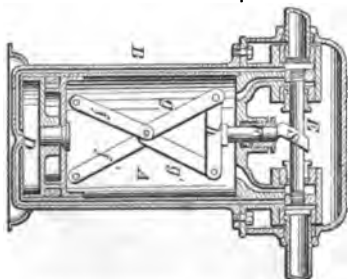


73530—W. S. Johnson—Buggy Top.

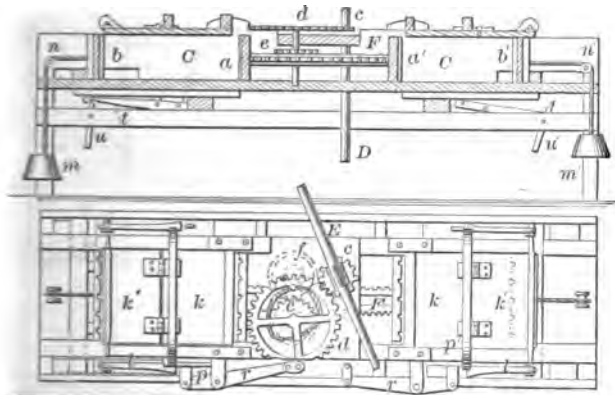


73528—D. F. Hartford—Pipe and Rod Cutter.

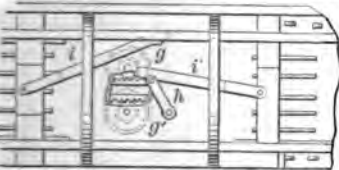
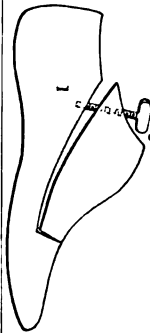


73534—P. Keller—*Gas Cock.*73536—J. L. Knowlton—*Circular Saw Mill.*73539—O. Iugo—*For Distilling Spirituous Liquids.*73538—Lock & Weedon—*Lamp.*73535—E. W. Kimball—*Coal Hod Bottom.*73537—W. Livingstone—*Water Meter.*73541—Mandeville & Pené—*For Blocking and Stretching Hare.*

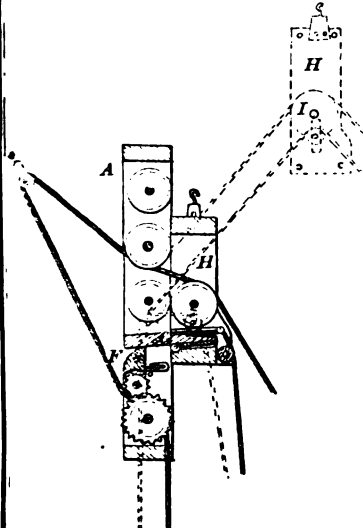
73542—Maxey & Mason—Hay and Cotton Press.



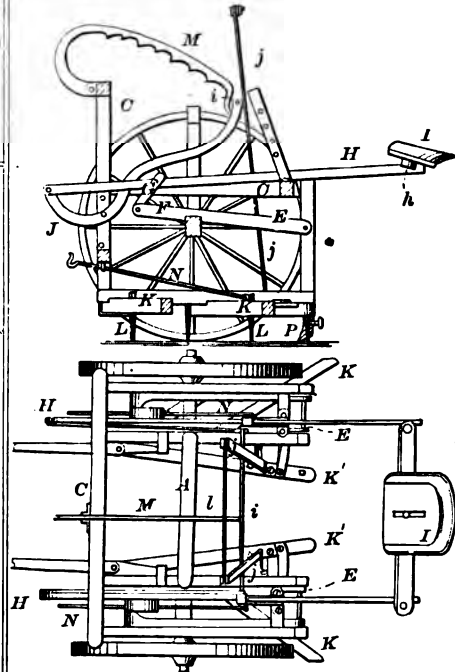
73546—C. C. Passy—Instep Stretcher.



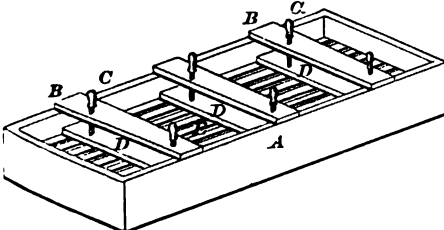
73544—A. Mott—Hay Elevator.



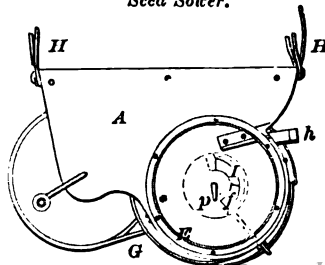
73547—Rich & Nibler—Cultivator and Harrow.



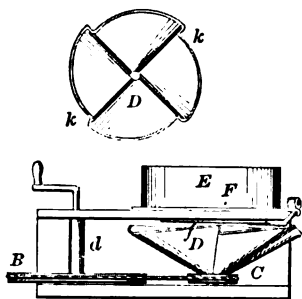
73543—W. E. Michael—For Stuffing Seats.



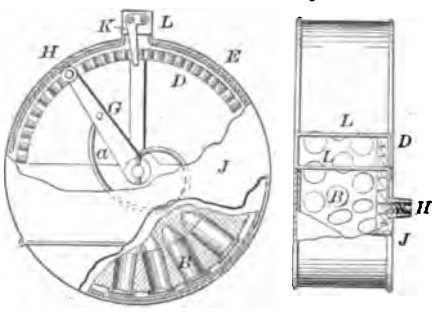
73548—Rowe, Mitchell & Hamill—Seed Sower.



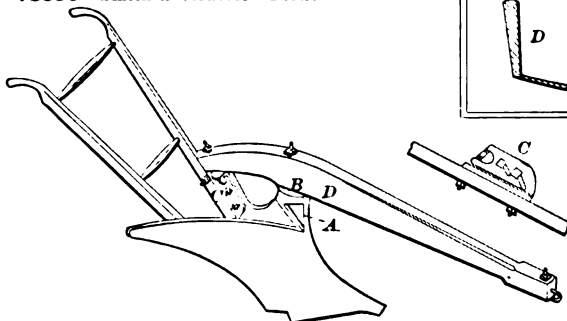
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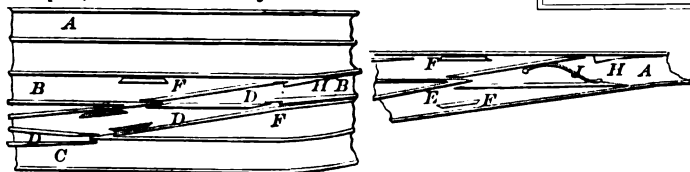
73549—P. F. Schneider—Cartridge Box.



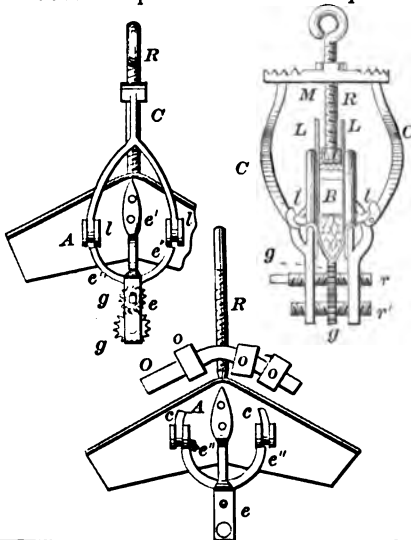
73550—Smith & Strasser—Plow.



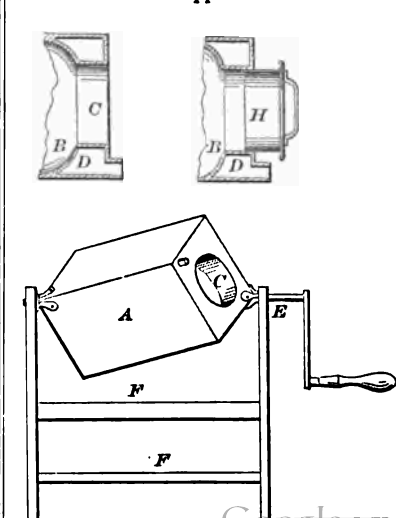
73551—Spurgin & Kirk—Railway Switch.



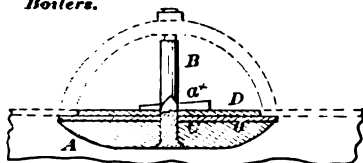
73554—Tipton & Carl—Boot Crimp.



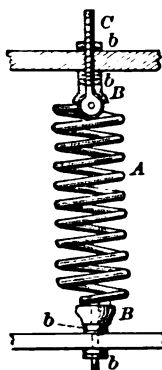
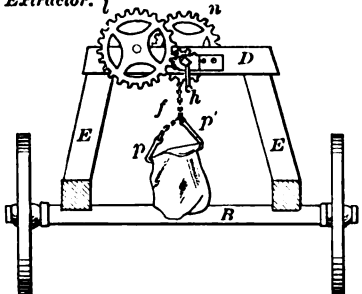
73556—S. J. Whipple—Churn.



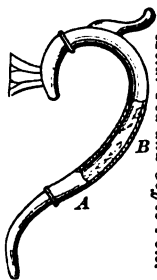
73557—G. White—*Hand Hole Joint for Boilers.*



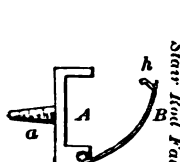
73558—Wicand & Gorr—*Stone and Stump Extractor.*



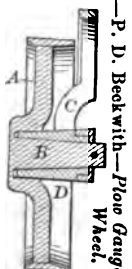
73559—D. Witt—*Spring Holder.*



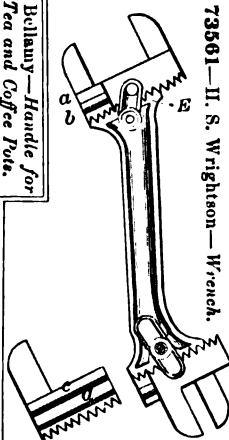
73567—W. Bellamy—*Handle for Metal Tea and Coffee Pots.*



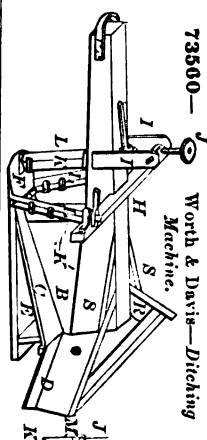
73563—W. R. Anderson—*Strap and Fastener.*



73564—P. D. Beckwith—*Plow Gauge Wheel.*

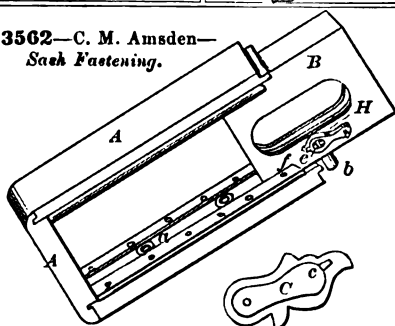


73561—H. S. Wrightson—*Wrench.*

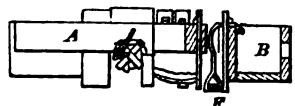
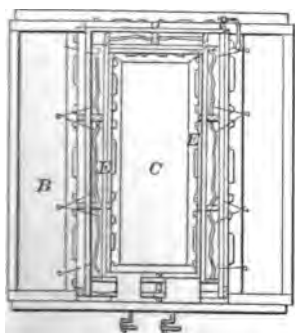


73560—Worth & Davis—*Ditching Machine.*

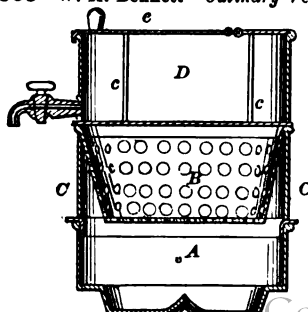
73562—C. M. Amsden—*Sash Fastening.*



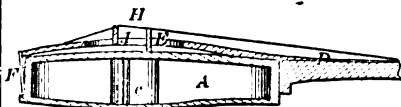
73566—E. Bell—*Cuffer Dam.*



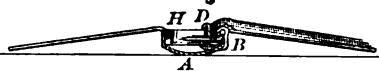
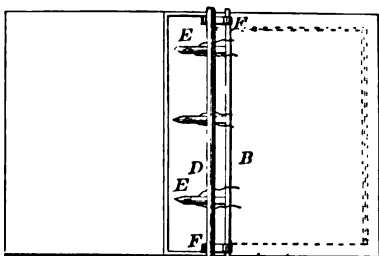
73568—W. H. Bennett—*Culinary Vessel.*



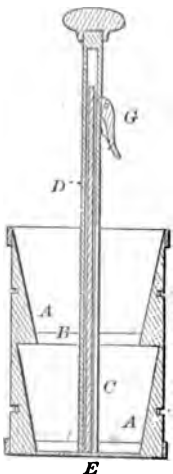
73569—B. Bishop—Violin.



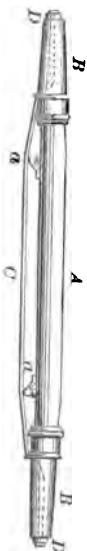
73572—S. Brock—Paper File.



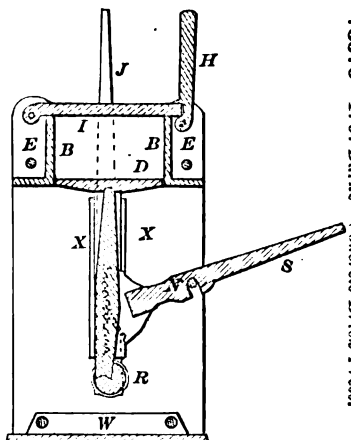
73573—A. Brooks—For Supporting Tin Cans when being Soldered.



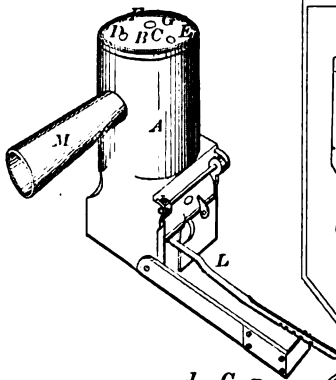
73575—C. E. Buck—Axe/tee.



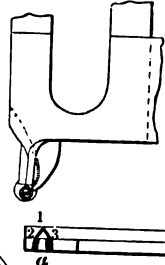
73576—T. J. Burke—Concrete Brick Press.



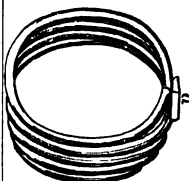
73574—J. Brown—Tuyere Iron.



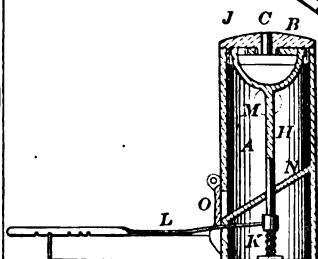
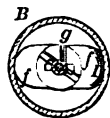
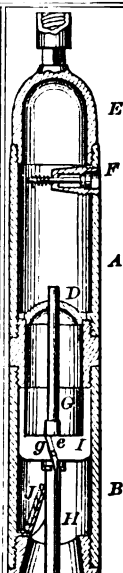
73570—L. R. Blake—For Cutting Channels in Boots and Shoes



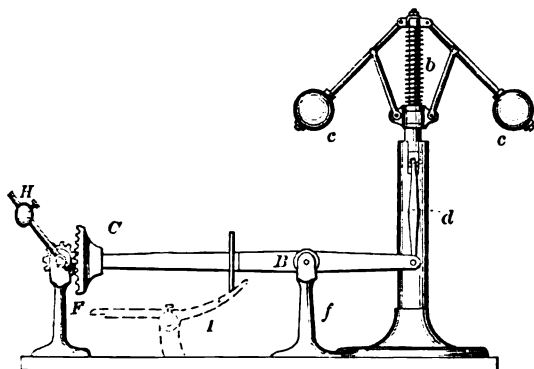
73571—L. K. Boyd—Ring for Closing Fruit Jars.



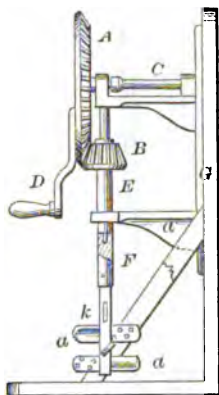
73577—J. E. Carll—Sand Pump for Oil Wells.



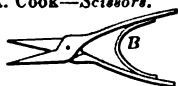
73578—W. L. Collamore—*Steam Governor.*



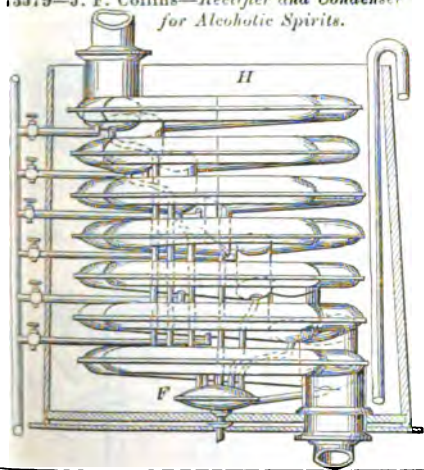
73583—M. O. Davis—*Churn Pitcher.*



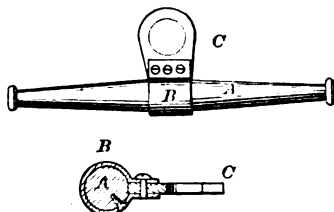
73580—R. Cook—*Scissors.*



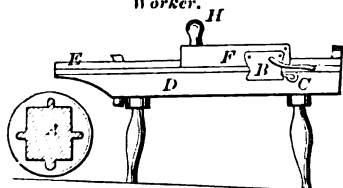
73579—J. F. Collins—*Rectifier and Condenser for Alcoholic Spirits.*



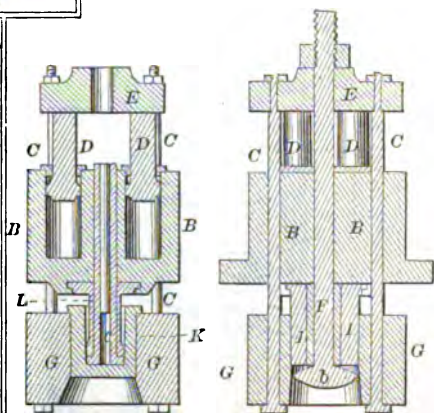
73581—E. & J. C. Covert—*Neck Yoke.*



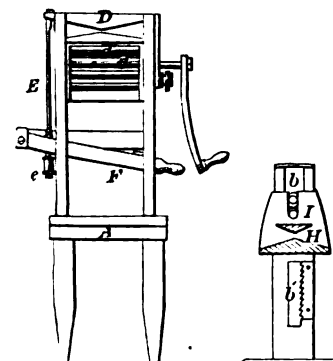
73582—W. Cunningham—*Butter Worker.*



73585—A. Dow—*For Manufacturing Sheet Lead.*



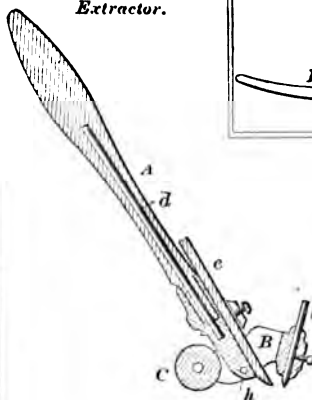
73584—W. S. Douglas—*Clothes Wringer.*



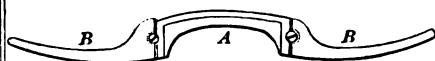
73588—A. K. Edgower—Window Sash.



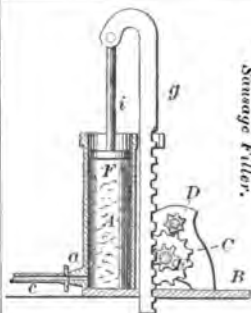
73587—J. Edson—Nail Extractor.



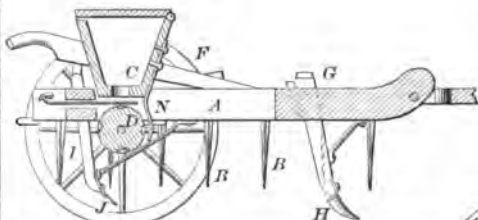
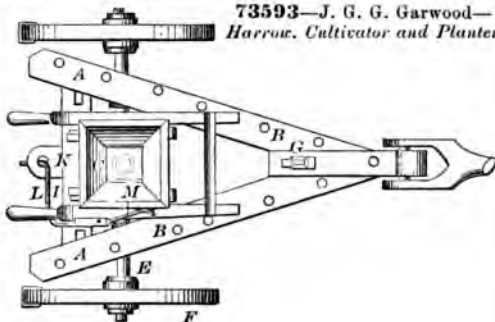
73588—M. M. Elliott—Shoe Shave.



73591—M. Feuerstein—Sewage Filter.



73593—J. G. G. Garwood—Harrow, Cultivator and Planter.



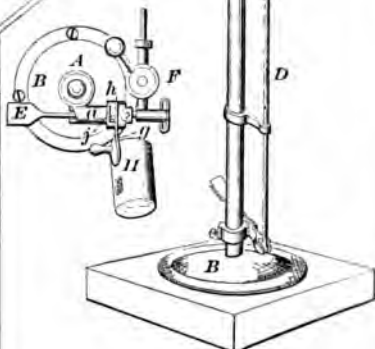
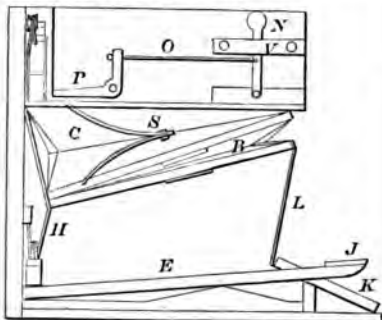
73589—M. R. Ethridge—Boots and Shoes.



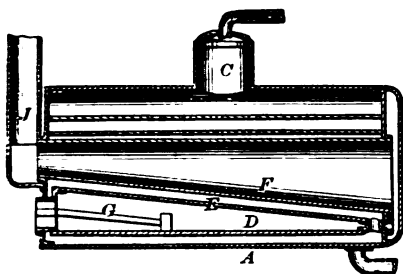
73594—W. Gee—For Filling Syphon Bottles.



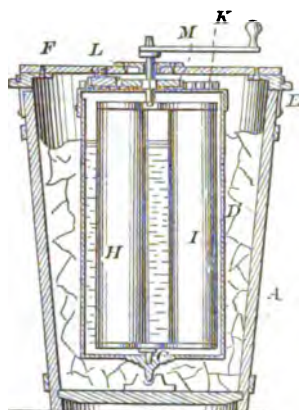
73592—O. Follett—Bellows.



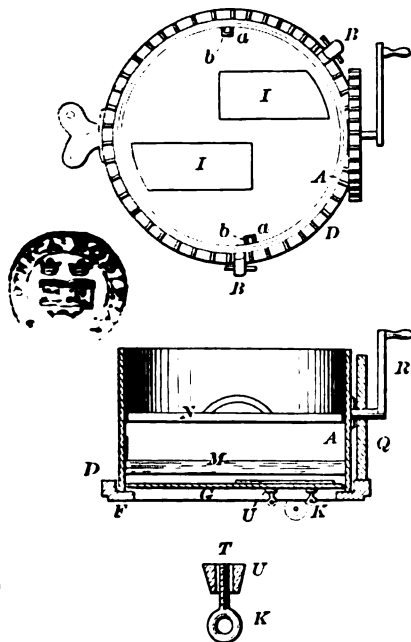
73595—H. Gerner—*Steam Generator.*



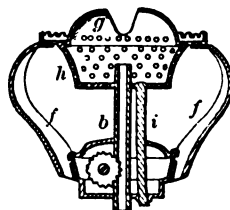
73596—C. Gooch—*Ice Cream Freezer.*



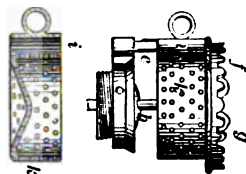
73597—G. P. Hachenberg—*Vegetable Cutter.*



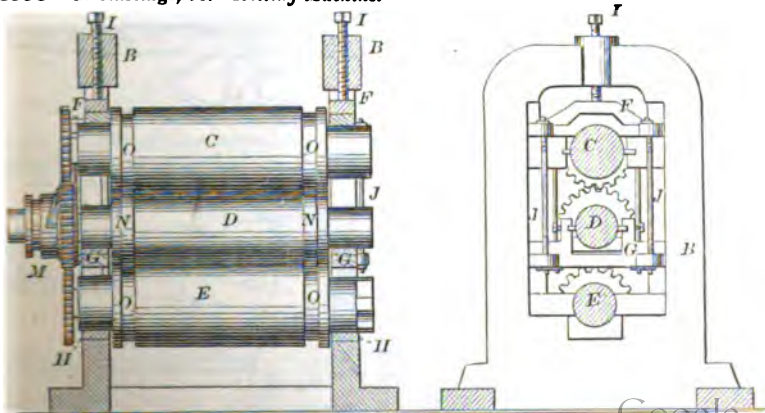
73599—H. W. Hayden—*Lamp.*



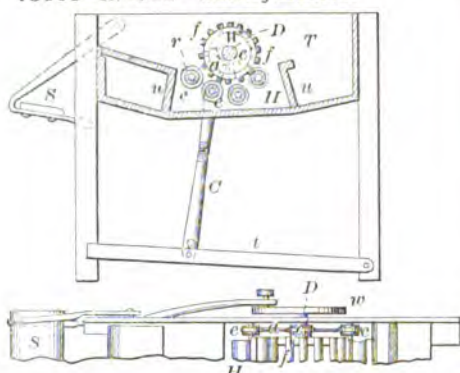
73600—H. W. Hayden—*Lamp.*



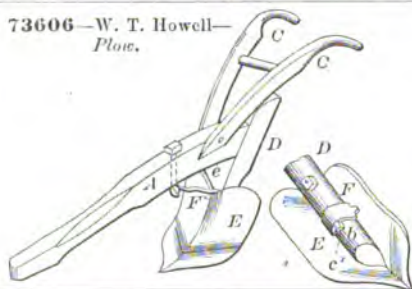
73598—G. Hastings, Jr.—*Rolling Machine.*



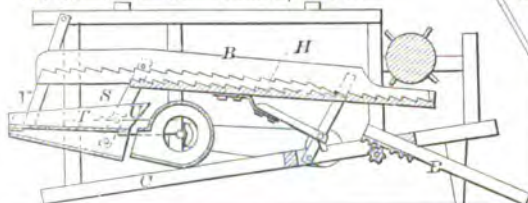
73601—H. Helm—Washing Machine.



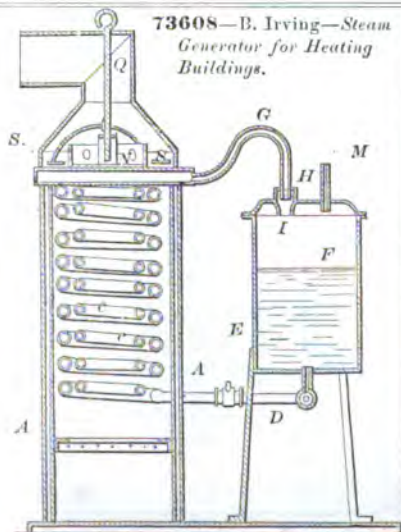
73606—W. T. Howell—Plow.



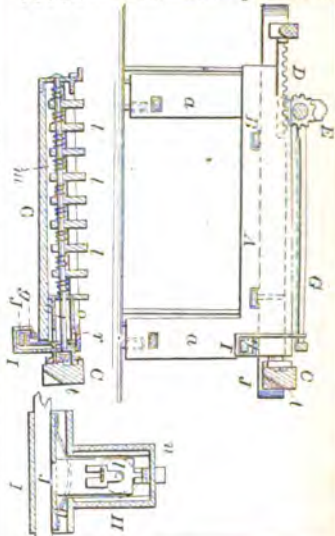
73605—O. Holmes—Grain Separator.



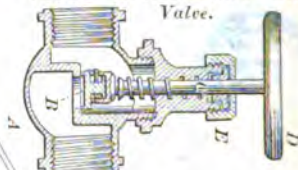
73608—B. Irving—Steam Generator for Heating Buildings.



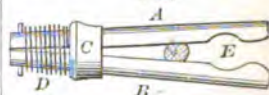
73604—T. Hill—Lathing Machine.



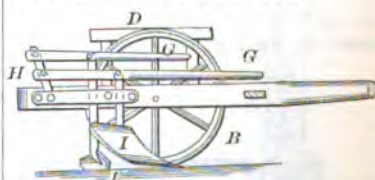
73602—H. H. Hendrick—Globe Valve.



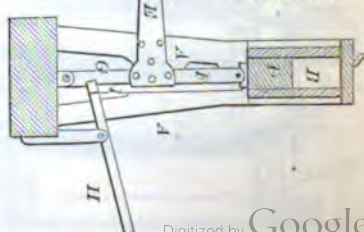
73609—D. D. Jones—Clothes Pin.



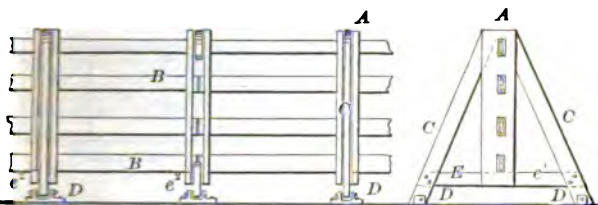
73607—D. W. Hughes—Plow.



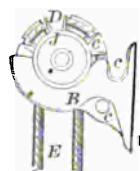
73610—O. L. Jordan—Concrete Building Block Press.



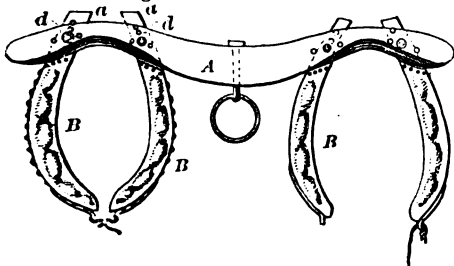
73611—D. Kaufman—*Fence.*



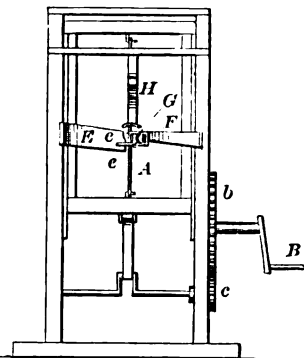
73612—C. F. Knauer—*Curtain Picture.*



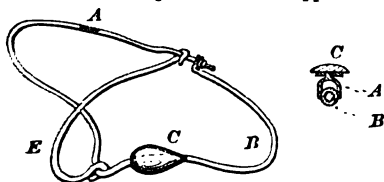
73613—J. Langenbach—*Ox Yoke.*



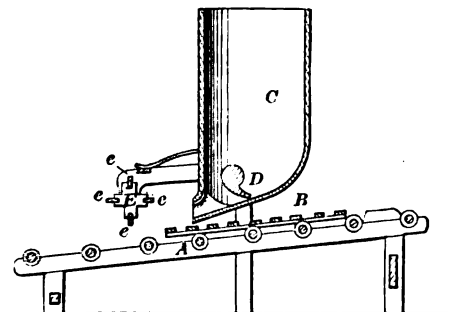
73615—A. Lutz—*For Sawing Hoops.*



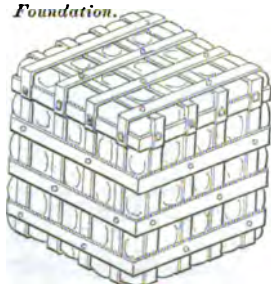
73614—J. Lecocq—*Abdominal Supporter.*



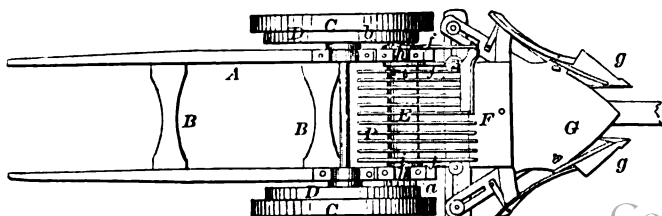
73616—J. B. Lyons—*For Moulding Peat.*

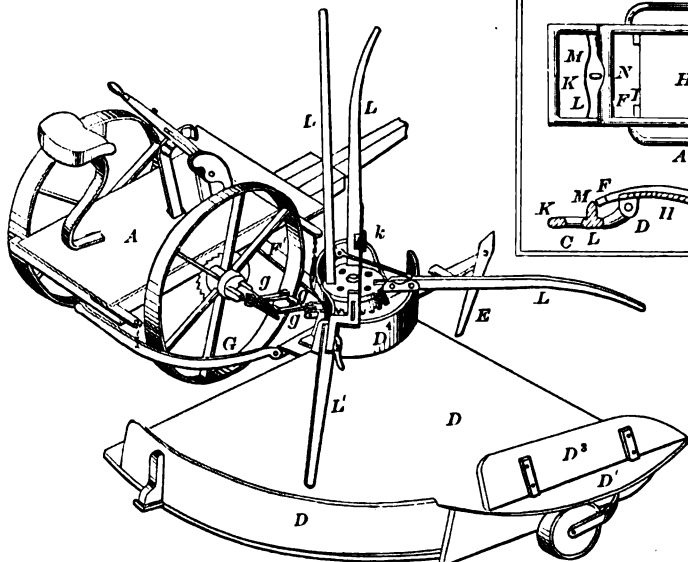
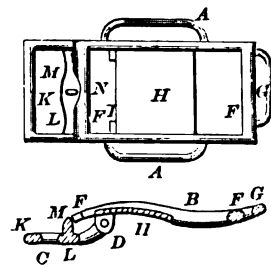
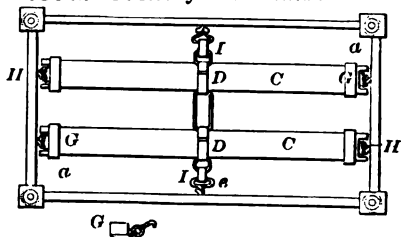
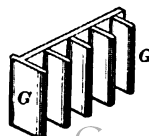
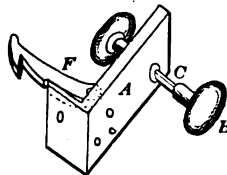
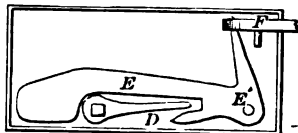
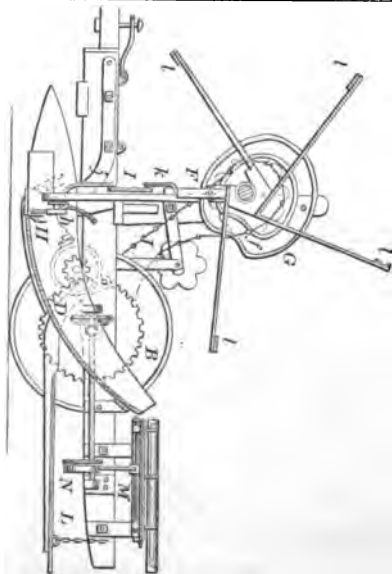


73617—E. Manico—*Marine Foundation.*

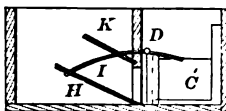
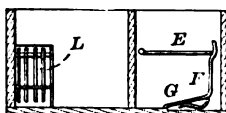
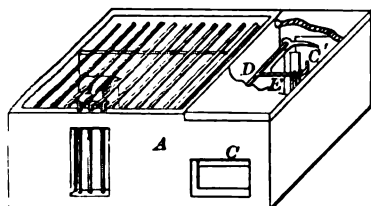


73618—F. B. Marden—*Potato Planter, Hoe and Potato Digger.*



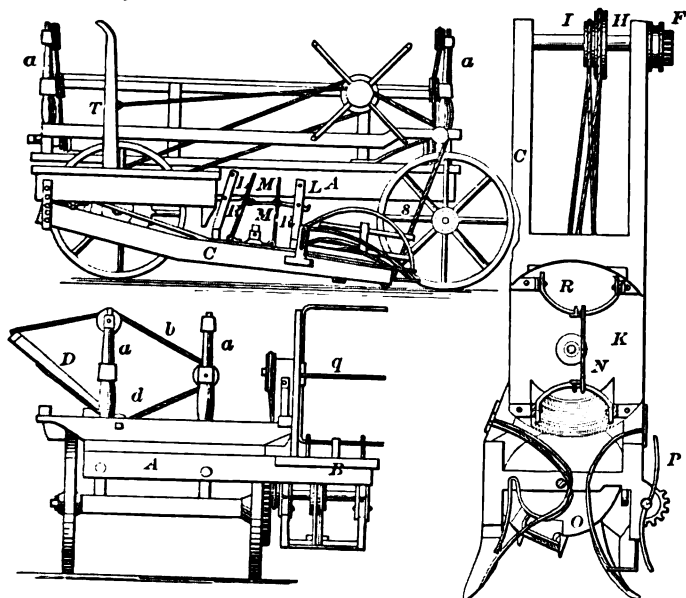
73619—J. S. Marsh—*Harvester Rake.*73620—C. W. Martin—*Buckle.*73621—W. W. Martin—*Lubricating Car Wheels.*73622—N. Maxey—*Bed Bottom.*73624—C. E. Merrifield—*Gate Latch.*73623—J. B. McCormick—*Harvester Rake.*

73625—J. H. Miller—Animal Trap.

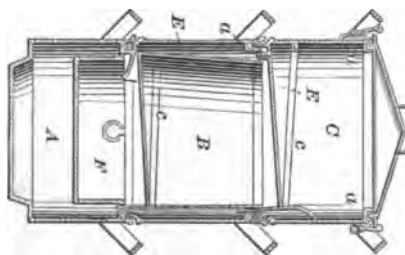
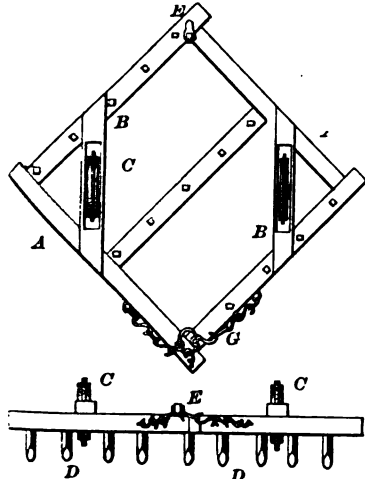


73628—K. S. Mitchell—Flour Scoop and Sifter.

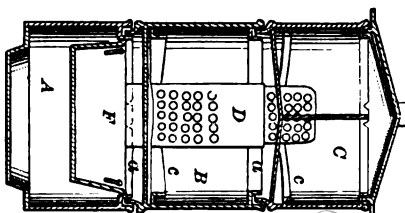
73629—H. Molby—Corn Harvester.

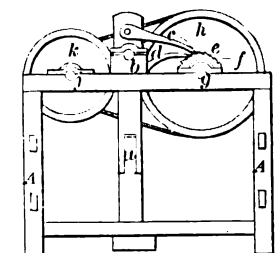


73626—N. B. Miller—Harrow.

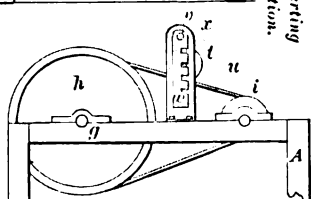


73630—T. W. Moore—Culinary Apparatus.

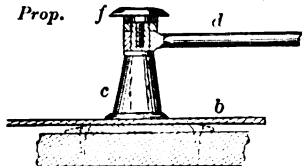




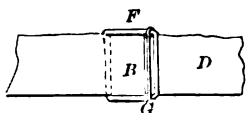
73631—D. Morrison—*Converting Reciprocating into Rotary Motion.*



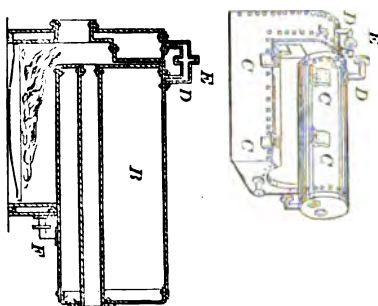
73632—J. F. Mullen—*Carriage Top Prop.*



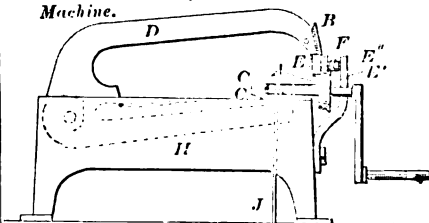
73633—H. Neumann—*Buckle.*



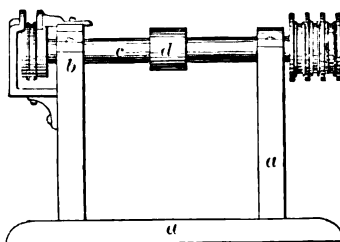
73634—A. W. Newell—*Steam Generator.*



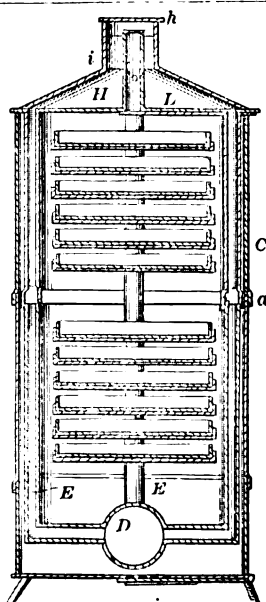
73635—H. J. Noyes—*Tin Ware Seaming Machine.*

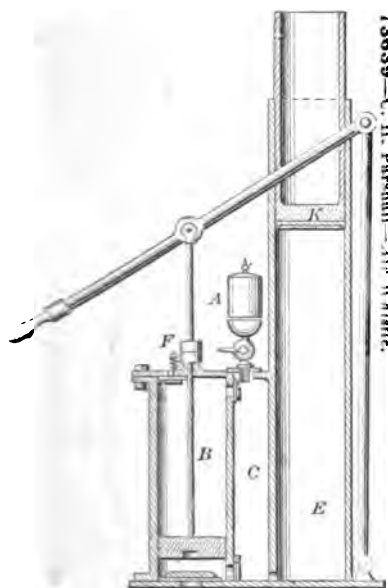


73636—C. W. Palmer—*For Finishing the Edges of Boot and Shoe Soles.*



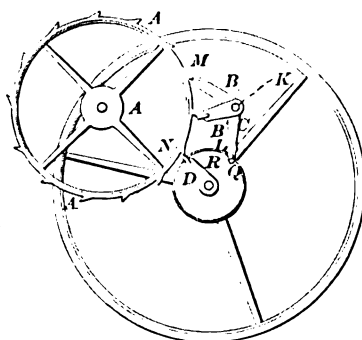
73637—L. A. Oelling—*Dry House for Fruit, etc.*



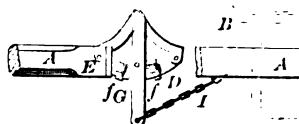


73639—C. H. Parshall—Air Whistle.

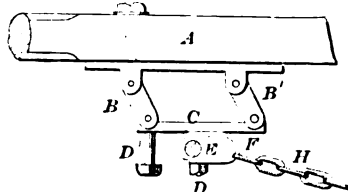
73646—O. H. Potter—Chronometer Escapement.



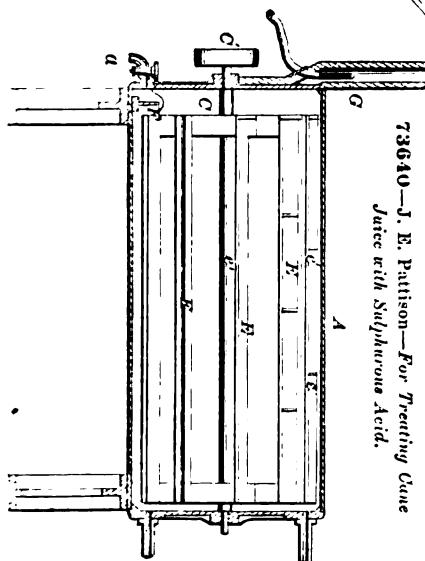
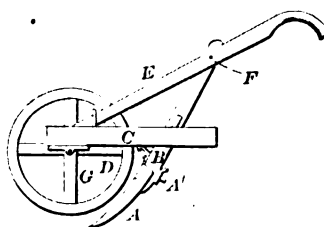
73641—H. W. Pell—Harvester.



73642—H. W. Pell—Harvester.

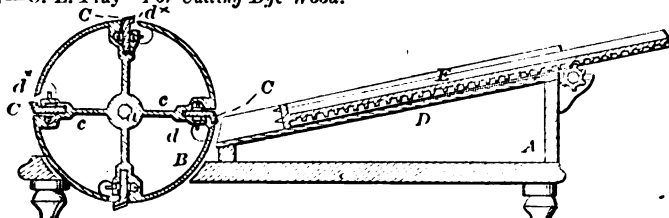


73644—D. Pettierew—Garden Plow.

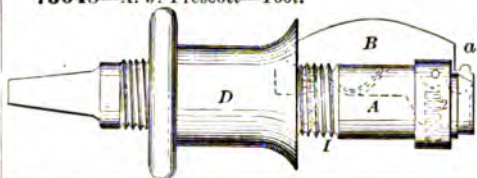
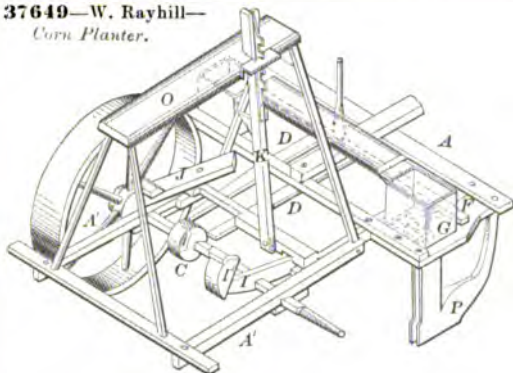


73640—J. E. Pattison—For Treating Cane Juice with Sulphurous Acid.

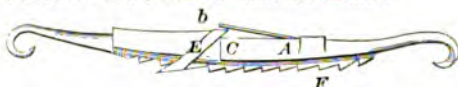
37647—O. E. Pray—For Cutting Dye Wood.



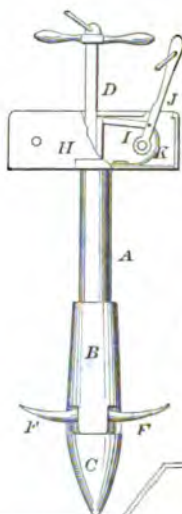
73648—A. J. Prescott—Tool.

37649—W. Rayhill—
Corn Planter.

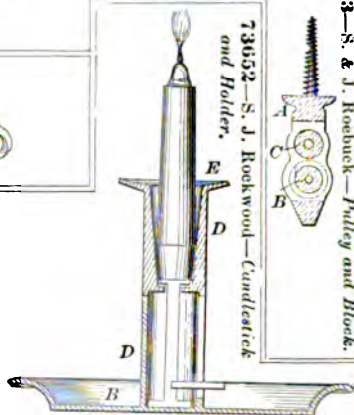
73651—W. A. Robinson—Hames Fastener.



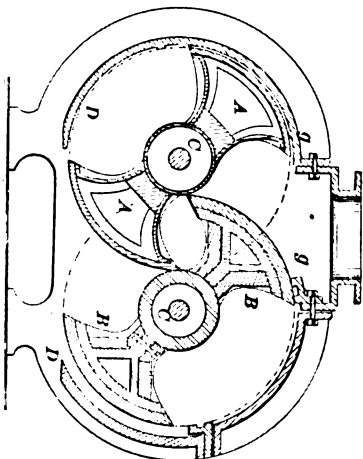
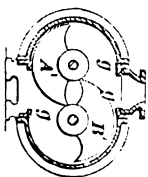
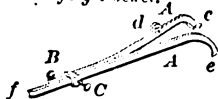
73650—E. Rhoades, Sr.—Horse Hay Fork.



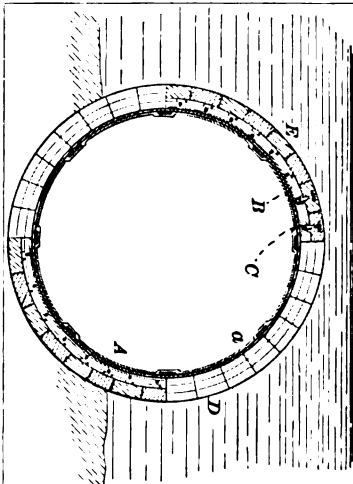
73653—S. & J. Koebuck—Pulley and Block.

73652—S. J. Koebuck—Candlestick
and Holder.

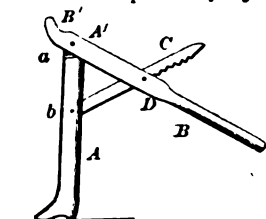
73654—P. H. & F. M. Roots—Rotary Blower.

73655—A. Q. Ross—
Safety Pocket.

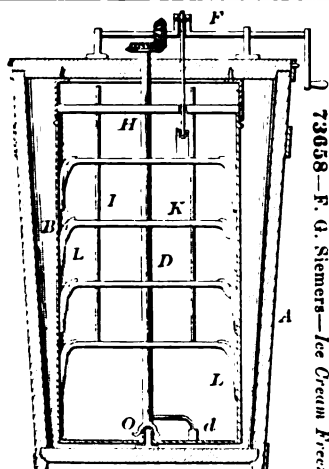
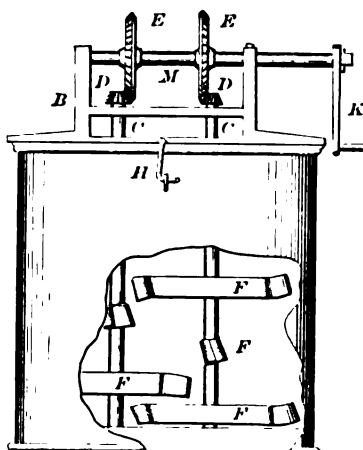
73656—T. F. Rowland—Sub Aqueous Tube.



73657—E. Shopbell—Lifting Jack

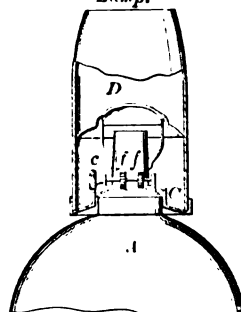


73659—I. J. Siler—Churn.

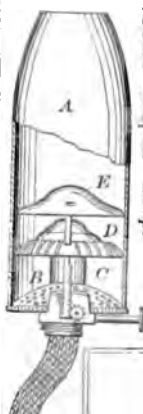


73658—F. G. Siemens—Ice Cream Freezer.

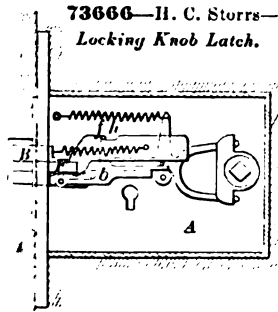
73663—C. F. Spencer—Lamp.



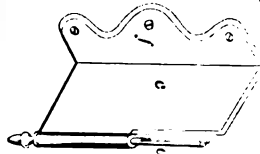
73664—S. Spoon—Lamp.



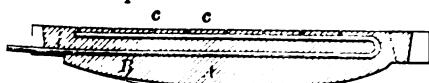
73666—H. C. Storrs—Locking Knob Latch.



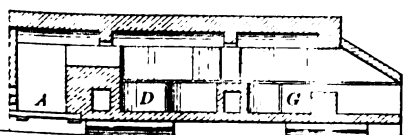
73661—J. Sowle—Hinge.



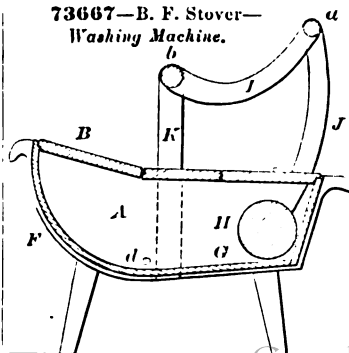
73662—H. Speeler—Fire Grate.

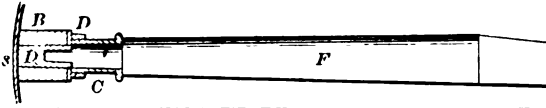
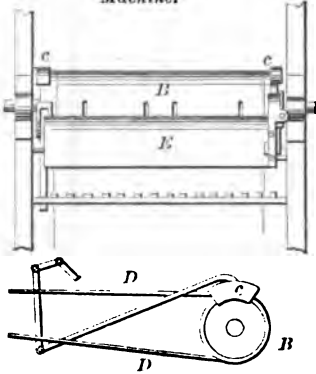
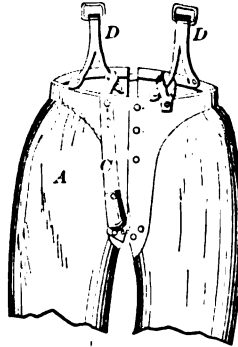
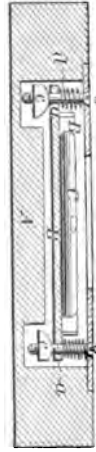
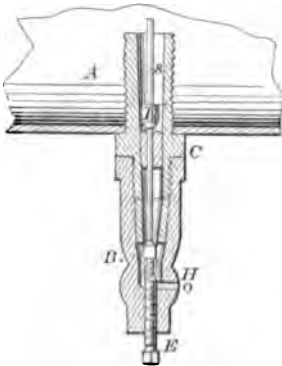
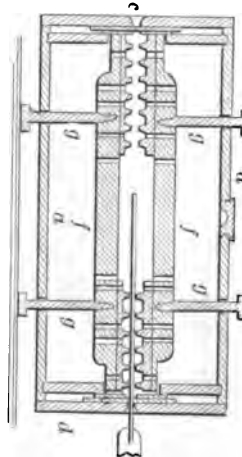
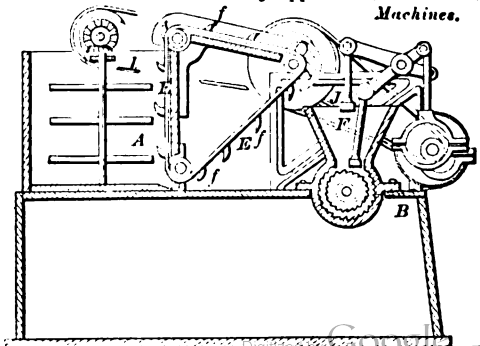
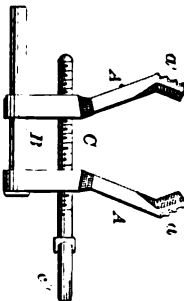


73665—W. Stevenson—Puddling Furnace.



73667—B. F. Stover—Washing Machine.



73668—E. Swain—*Wheel Tightener.***73669**—J. F. Tapley—*Ruling Machine.***73671**—Z. Taylor—*Drawers Truss.***73670**—W. J. Tate—*Adjustable Spirit Level.***73672**—W. G. Thomas—*Boiler Gauge Cock.***73674**—T. R. Timby—*Paper Cutter.***73673**—L. F. Thompson—*Angle Cleaner.***73676**—H. Turner—*Feeding Apparatus for Flocking Machines.***73675**—J. Tipton—*Hoof Expander.*

73677—G. Twigg—Corkscrew.

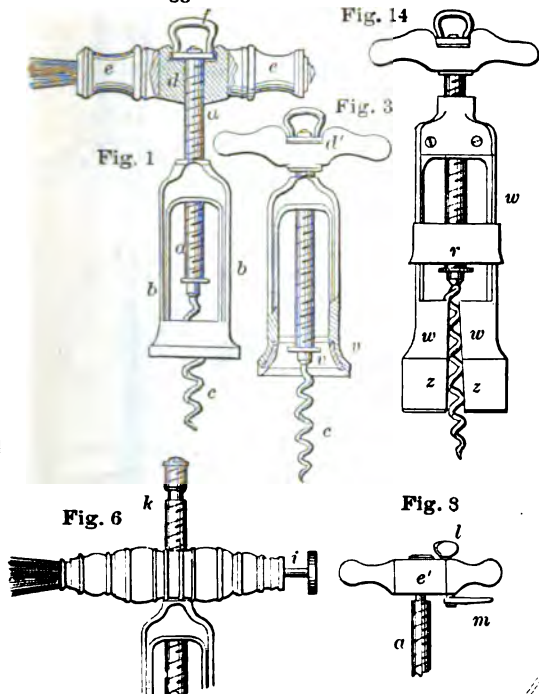
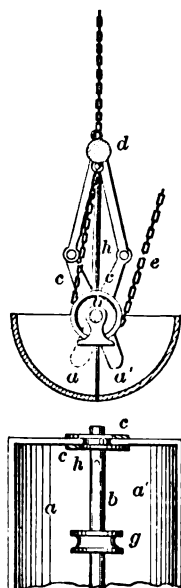


Fig. 14

Fig. 3

Fig. 3

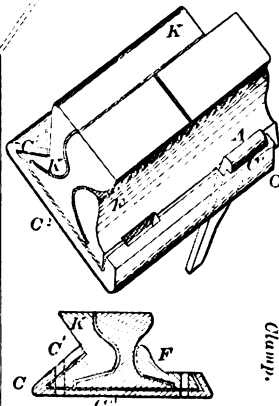
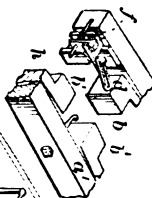
73678—T. & A. Walsh—Bucket for Dredging Machines.



73680—E. Wattis, Jr.—Fastening Metallic Collars to Bottles.

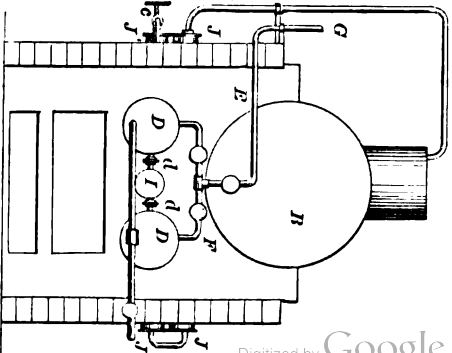
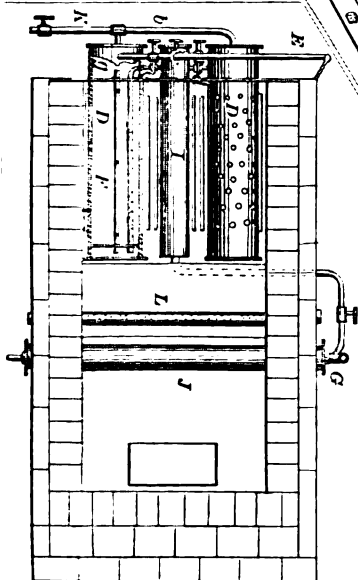


73681—W. Weiler—Car Coupling.

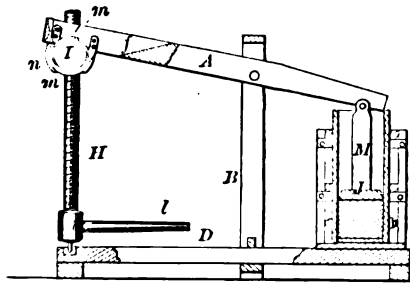


73679—J. E. Watkins—Railroad Rail Clamp.

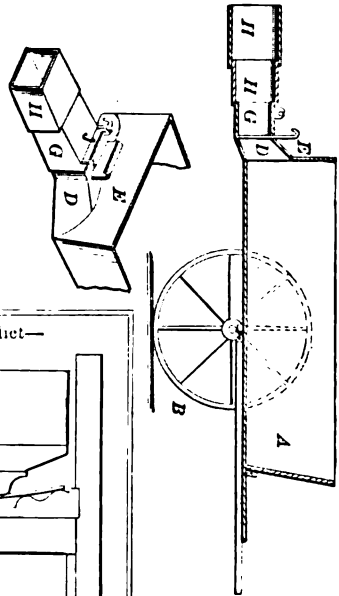
73682—J. H. White—Hydro-Carbon Burner.



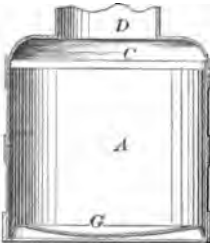
73683—P. Williams—*Cotton Press.*



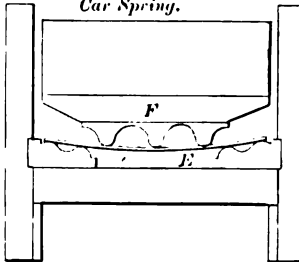
73084—J. H. Wood—Wagon for Unloading Coal.



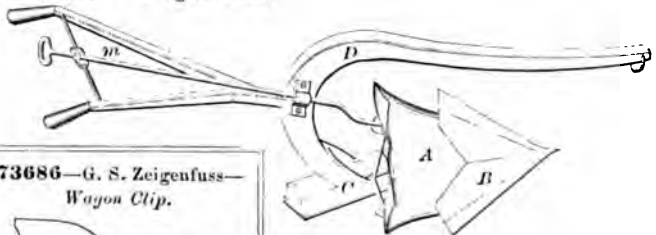
73687—E. Abbott—*Milk*
Can.



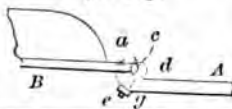
73690—E. U. Benedict—
Car Spring.



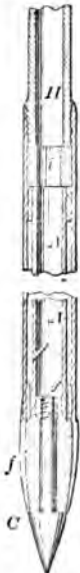
73685—A. Wright—*Plow*.




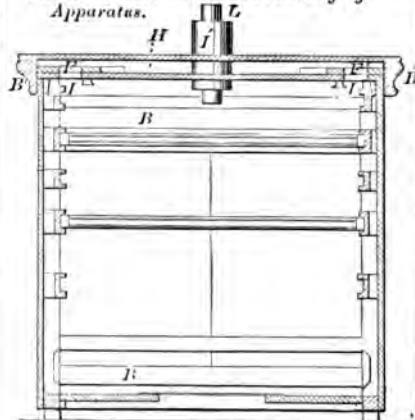
73686—G. S. Zeigenfuss—
Wagon Clip.



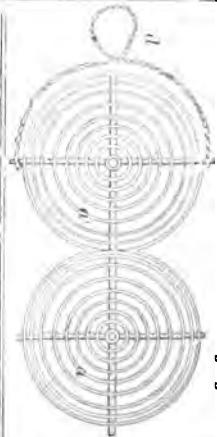
73688—II. Arnold—Well Tube.

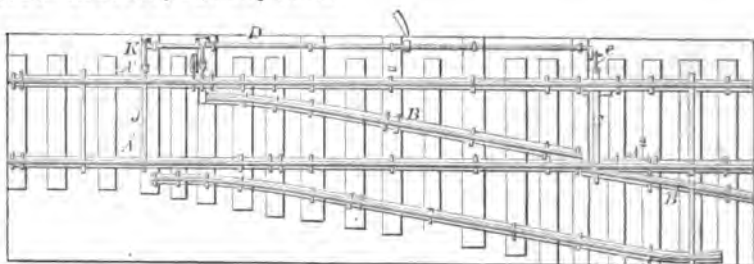
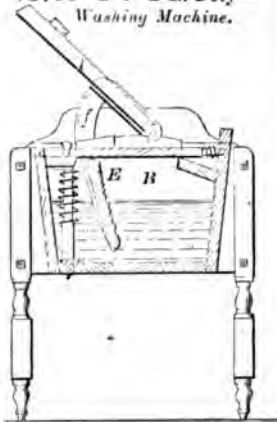
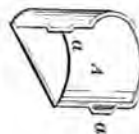
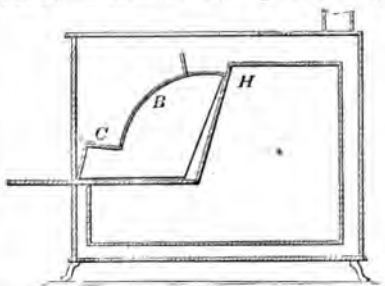
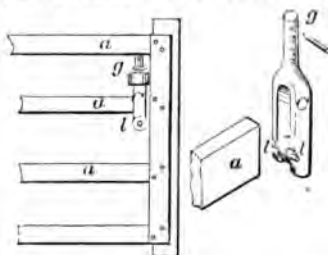
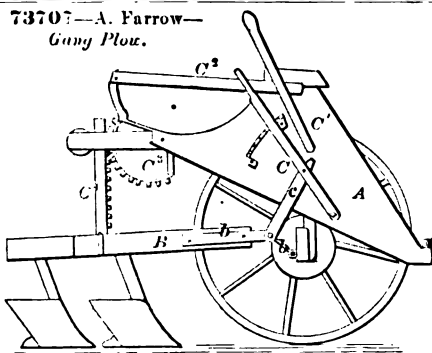
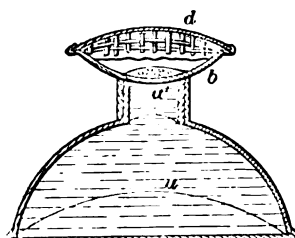


73691—D. K. Boswell—*Fruit Drying Apparatus.* 

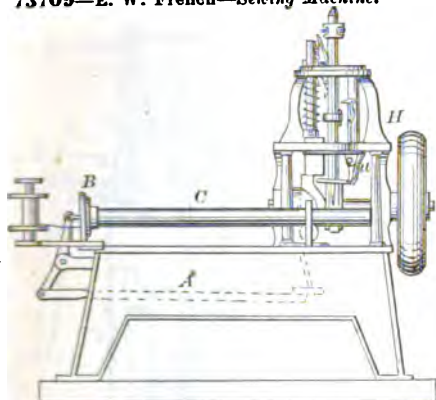


73692--F. Bucknam--Feverole Flying Back.

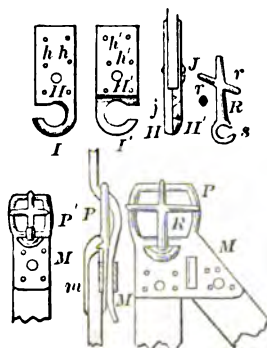


73700—M. H. Dooly—*Railway Switch.***73701**—E. P. & E. Doty—*Washing Machine.***73702**—T. Drake—*Adjustable Hoe.***73706**—J. A. Evans—*Match Safe.***73703**—R. G. Elder—*Baking Pan.***73705**—L. Emmons—*Cooking Stove Grate.***73704**—C. H. Embree—*Gate.***73707**—A. Farrow—*Gang Plow.***73708**—J. M. Flagg—*Stamp Moistener.*

73709—E. W. French—*Sewing Machine.*



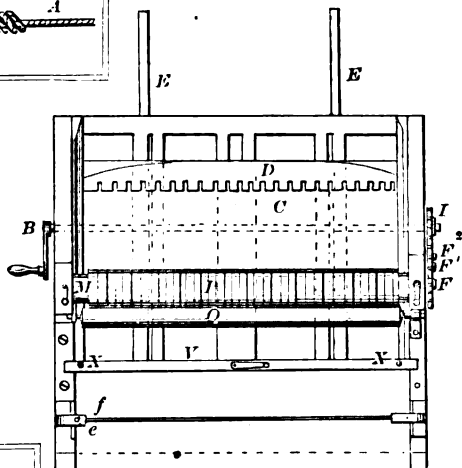
73711—Garrison & Stevens—*Halter.*



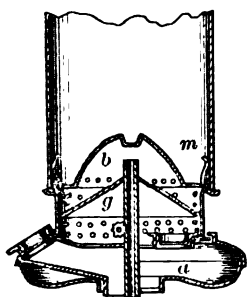
73713—T. Guyot—*Metallic Cotton Bale Tie.*



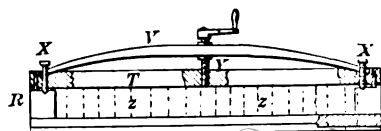
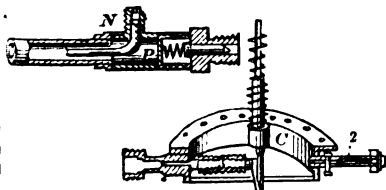
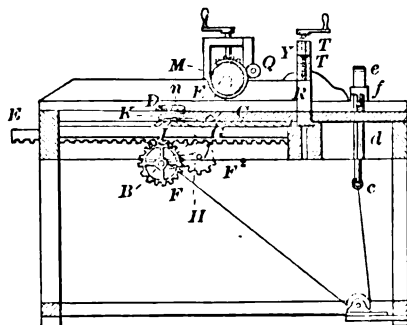
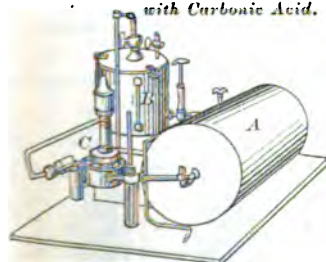
73714—J. Hadfield—*For Cutting Soap.*

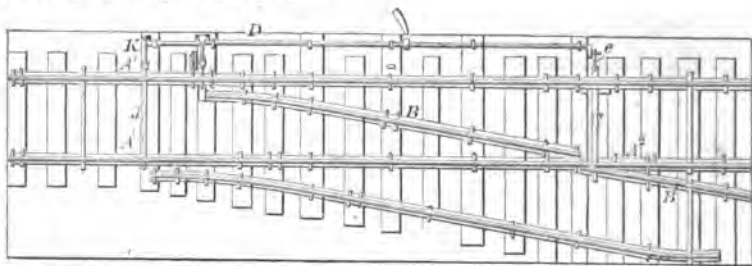
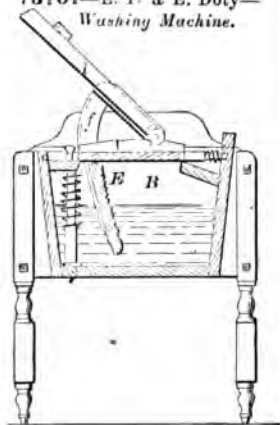
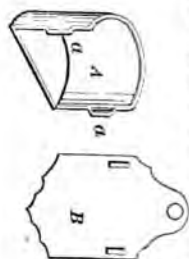
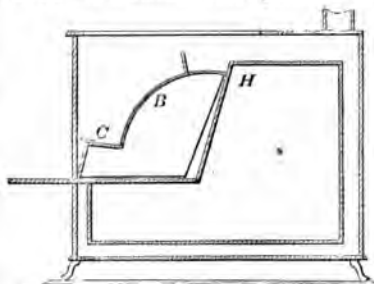
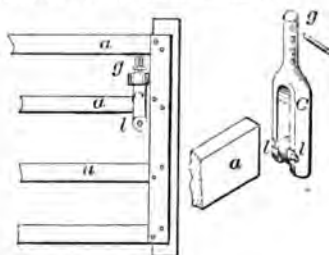
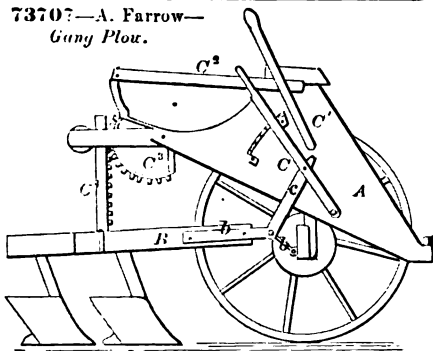
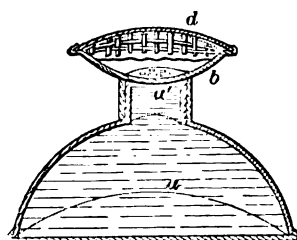


73710—J. A. Frey—*Lamp.*

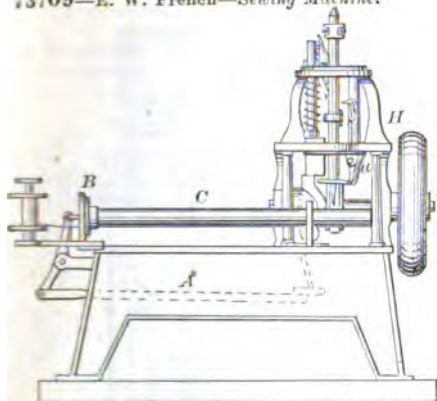


73712—R. Grant—*For Charging Water with Carbonic Acid.*

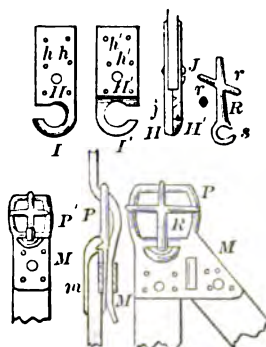


73700—M. H. Dooly—*Railway Switch.***73701**—E. P. & E. Doty—*Washing Machine.***73702**—T. Drake—*Adjustable Hoe.***73706**—J. A. Earle—*March Knife.***73703**—R. G. Elder—*Baking Pan.***73705**—L. Emmons—*Cooking Stove Grate.***73704**—C. H. Embree—*Gate.***73707**—A. Farrow—*Gang Plow.***73708**—J. M. Flagg—*Stamp Moistener.*

73709—E. W. French—Sewing Machine.



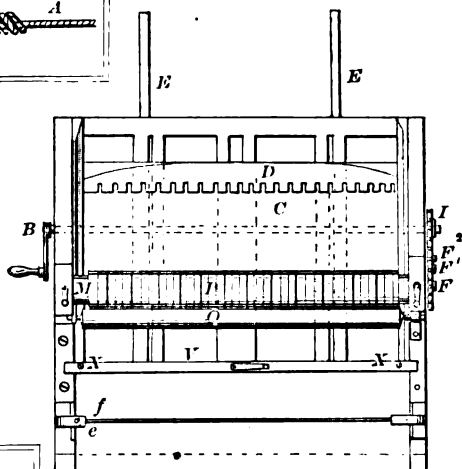
73711—Garrison & Stevens—Halter.



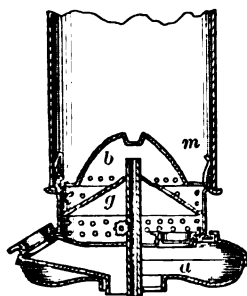
73713—T. Guyol—Metallic Cotton Bule Tie.



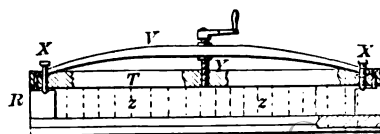
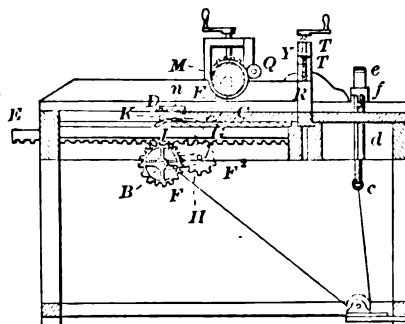
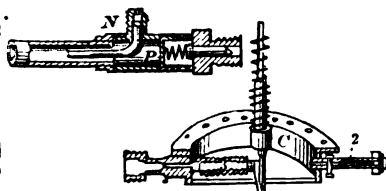
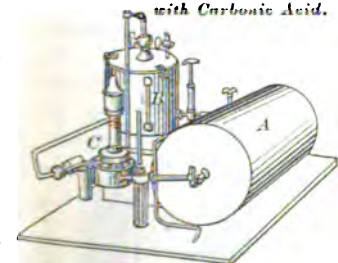
73714—J. Hadfield—For Cutting Soap.



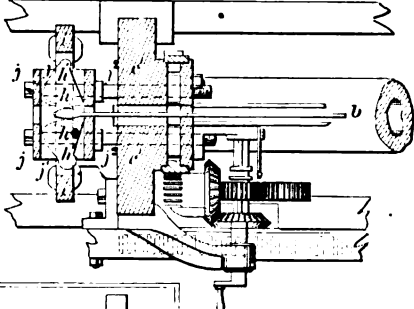
73710—J. A. Frey—Lamp.



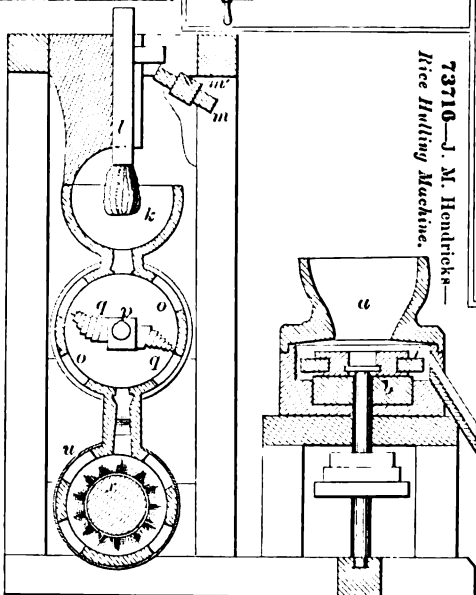
73712—R. Grant—For Charging Water with Carbonic Acid.



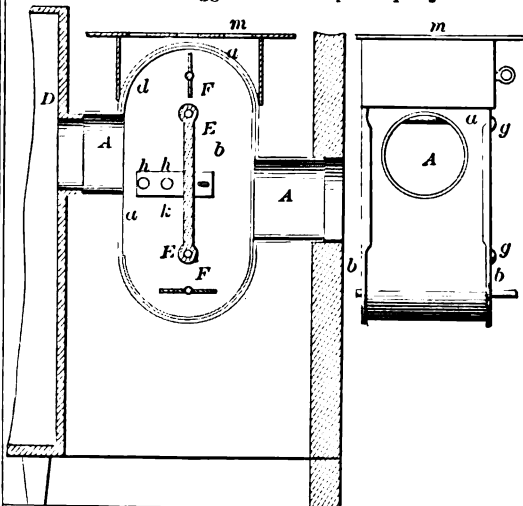
73715 G. P. Harding—For Drawing Tapered Tubes.



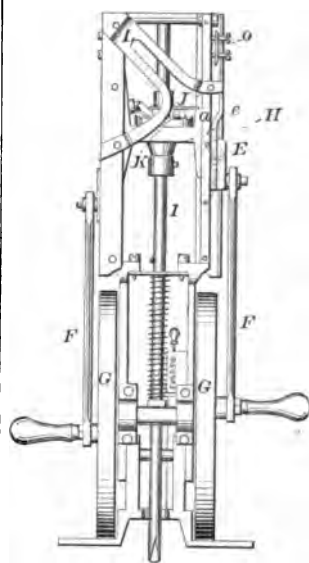
73716—J. M. Hendricks—Rice Hulling Machine.



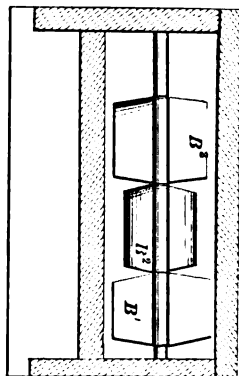
73718—O. M. Higgins—Store Pipe Coupling.



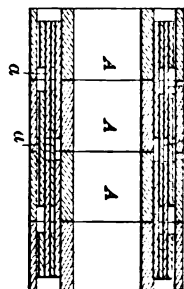
73717—C. W. Hornum—Stone Drilling Machine.

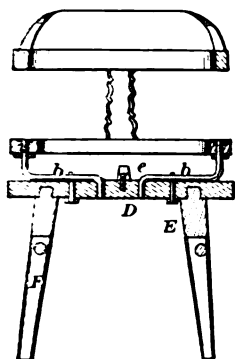


73719—A. Hitchcock—Producing a Vibrating Steel in Organs.

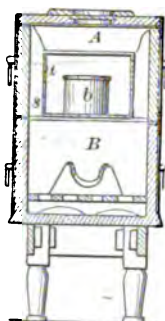


73720—M. V. B. Howe—Wood Bending Machine.

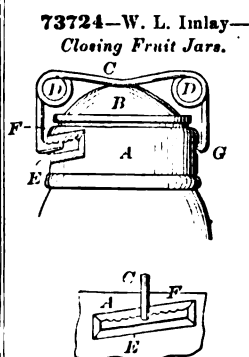




73721—M. V. B. Howe—Tipping Chair Seat.

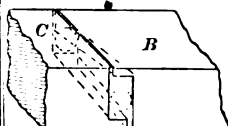
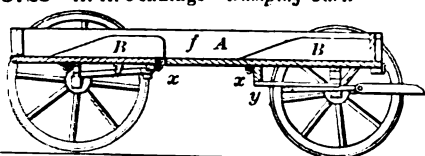


73722—C. H. Kimball—Corpses Preserving Cabinet.

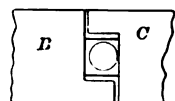
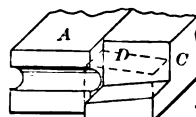


73724—W. L. Inlay—Closing Fruit Jars.

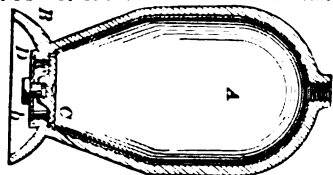
73725—A. A. Jennings—Damping Cart.



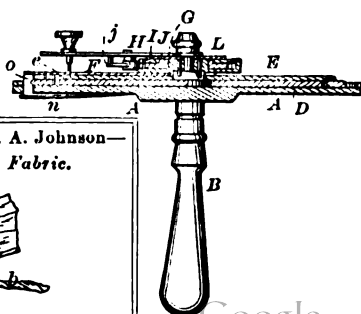
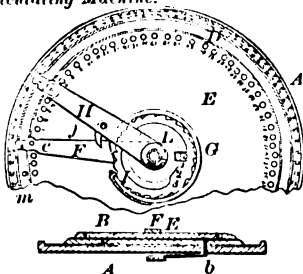
73728—C. Kane—Die for Heading Bolts.



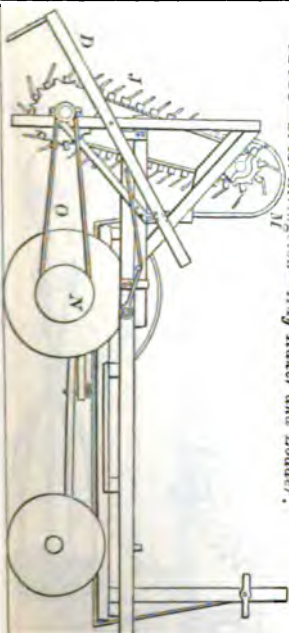
73726—J. C. Johnson—Soda Fountain.



73732—Loomis & Johnson—Calculating Machine.



73727—M. A. Johnson—Felted Fabric.



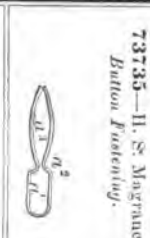
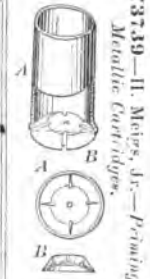
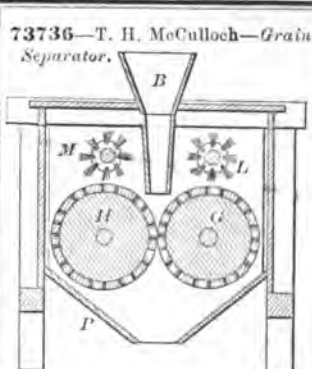
73731—S. M. Livingston—Hay Raker and Loader.



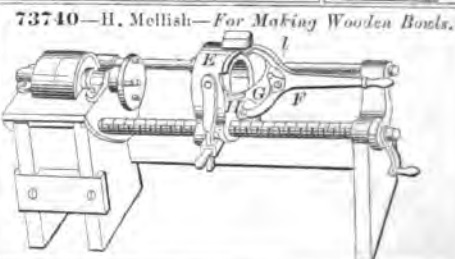
73723—S. T. Hutchins—Spoke Share.



73734—E. W. Mason—Buckle.

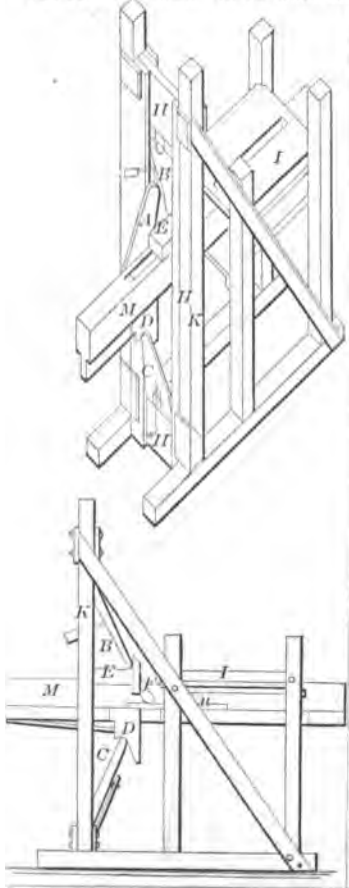
73735—H. S. Mayraus—
Button Fastening.73737—
W. L. McDowell—
Ash Pit Cover for
Stoves.73739—H. Meigs, Jr.—Printing
Metallic Cartridges.73736—T. H. McCulloch—Grain
Separator.

73738—R. M. Mayraus—Pivotal Skein.

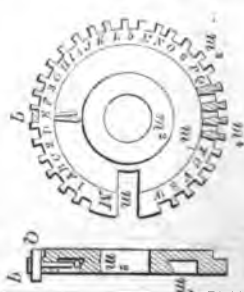
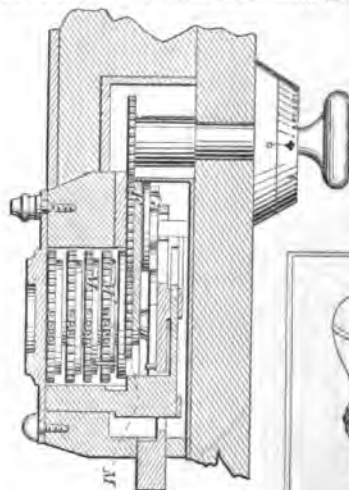


73740—H. Mellish—For Making Wooden Boxes.

73741—G. Metcalf—Brick Machine.

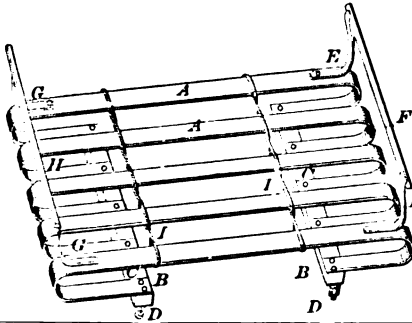


73742—L. W. Miller—Permutation Lock.

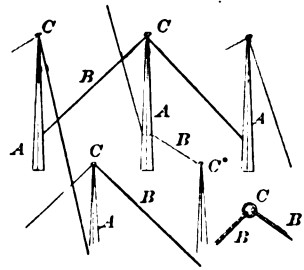


73743—M. H. Monroe—Potato Marker.

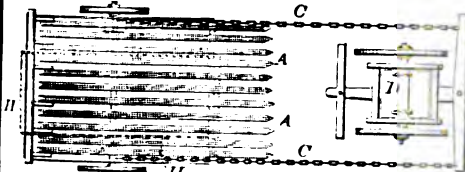
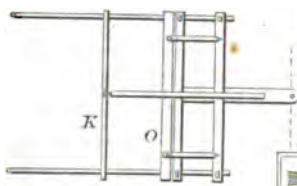
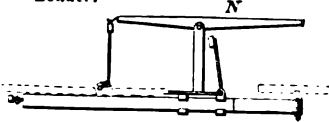
73744—A. W. Newell—Spring Bed Bottom.



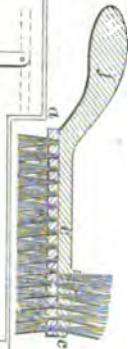
73750—Olendorf & Parshall—Poling Hops.



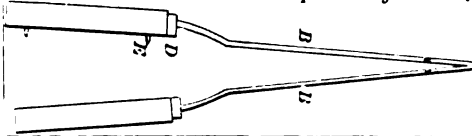
73747—W. T. Nichols—Hay Raker and Loader.



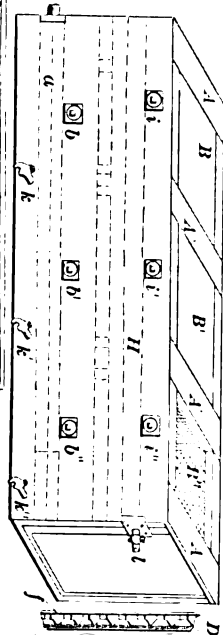
73746—H. E. Newton—Blacking Brush.



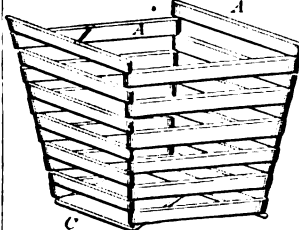
73745—A. G. Newkirk—Lamp Chimney Cleaner.



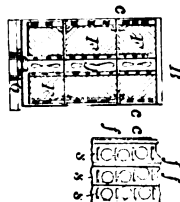
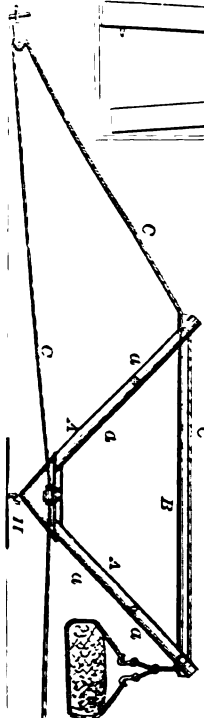
73751—G. T. Palmer—Filter.

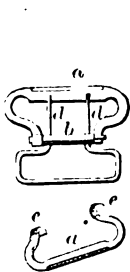


73749—A. M. Olds—Folding Basket.

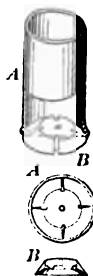
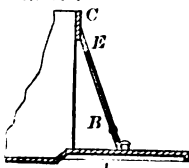
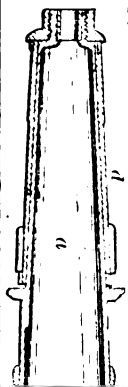
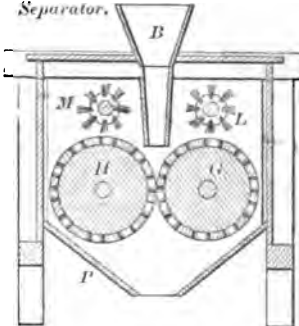


73748—W. T. Nichols—Hay Stacker.



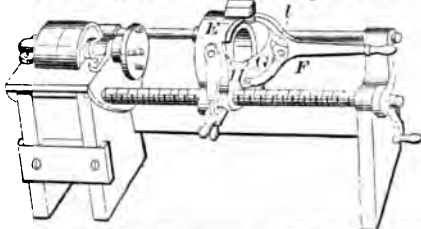


73734—F. W. Maes—Buckle.

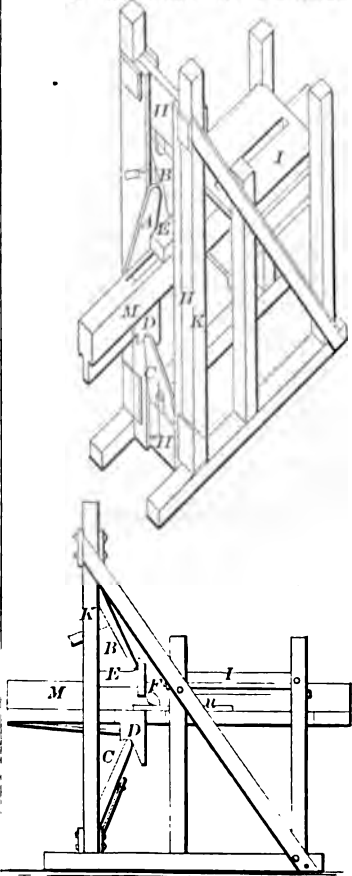
73735—H. S. Magrath—
Button Fastener.73737—
W. L. McDowell—
Ash Pit Cover for
Stores.73739—H. Meier, Jr.—Priming
Metallic Cartridge.73736—T. H. McCulloch—Grain
Separator.

73738—R. M. McBrath—Trimble Skein.

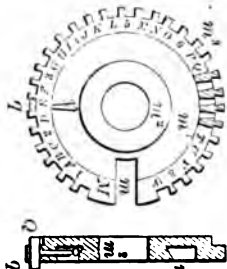
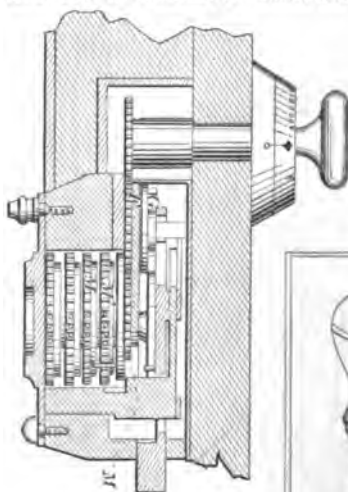
73740—H. Mellish—For Making Wooden Bowls.



73741—G. Metcalf—Brick Machine.



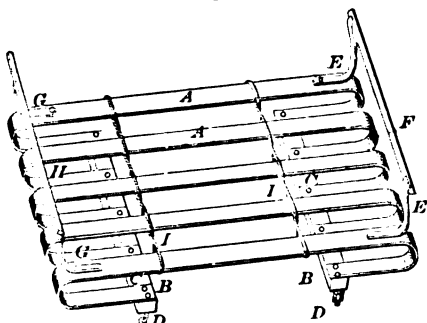
73742—L. W. Miller—Permutation Lock.



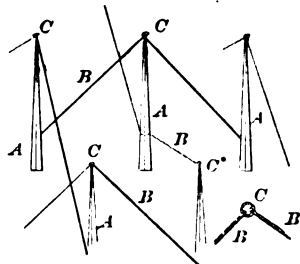
73743—M. H. Monroe—Potato Masher.



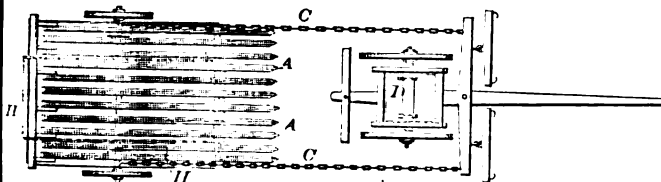
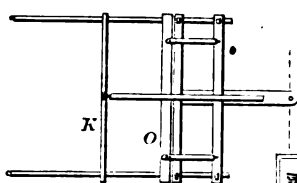
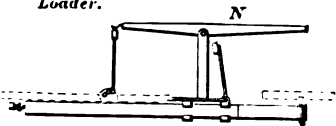
73744—A. W. Newell—Spring Bed Bottom.



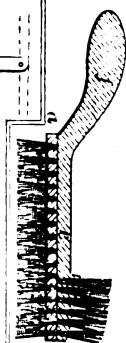
73750—Olendorf & Parshall—Poling Hops.



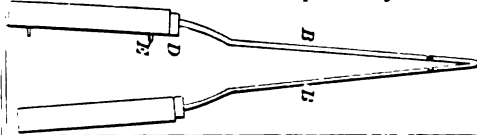
73747—W. T. Nichols—Hay Raker and Loader.



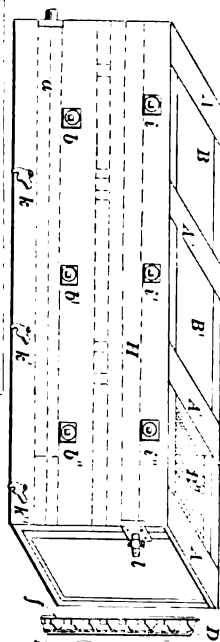
73746—H. E. Newton—Blocking Brush.



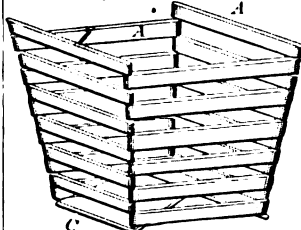
73745—A. G. Nowkirk—Lamp Chimney Cleaner.



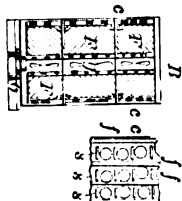
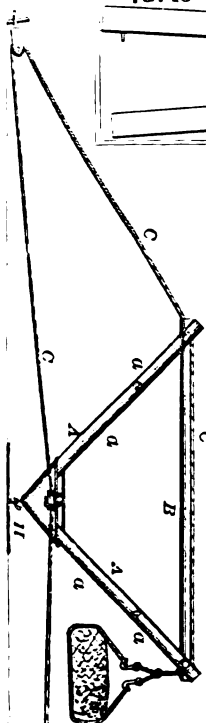
73751—G. T. Palmer—Filter.



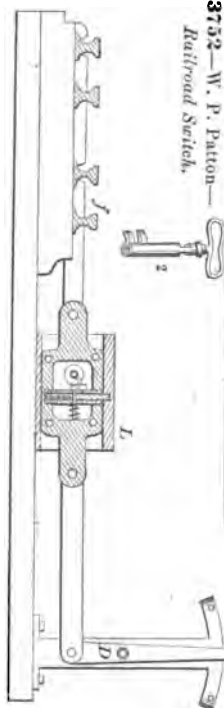
73749—A. M. Olds—Folding Basket.



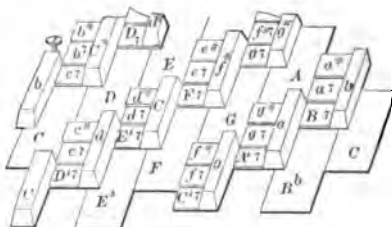
73748—W. T. Nichols—Hay Stacker.



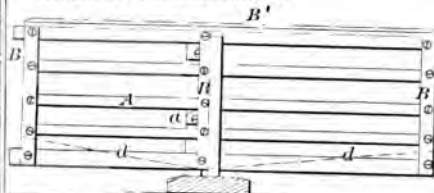
73752—W. P. Patton
Railroad Switch,



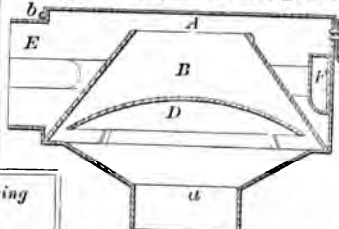
73753—H. W. Poole—Organ Key Board.



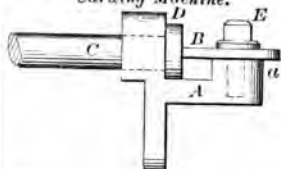
73761—A. Sheldon—*Fence*.



73762—A. F. Smith—*Store Drum.*



73760—J. C. Shaw—*Condensing Carding Machine.*



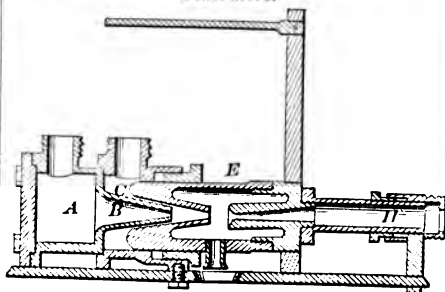
73754—G. Purple—*Neck Yoke Slide.*



73759—T. S. Seranton—*Sewing Machine Gauge.*



73757—S. Rue, Jr.—*Injector for Steam Generators.*



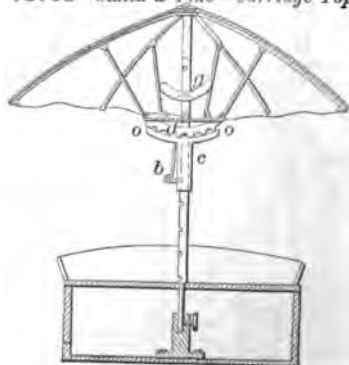
73755—B. *Hear—Spring Bed Bottom.*

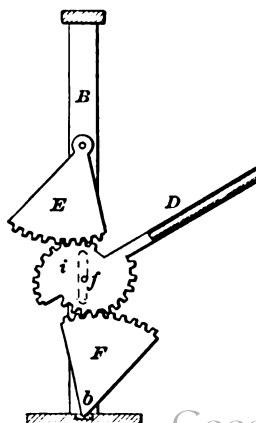
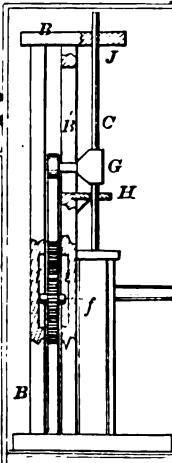
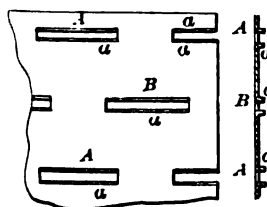
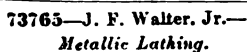
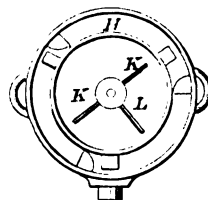
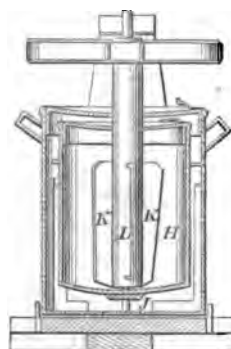
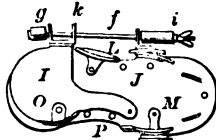
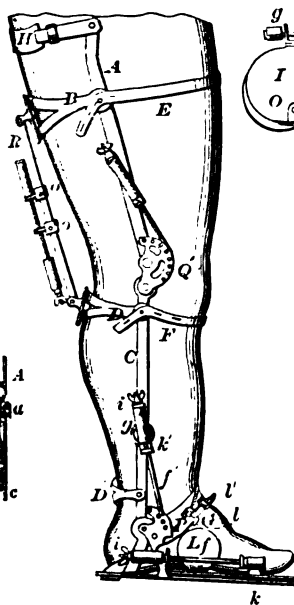
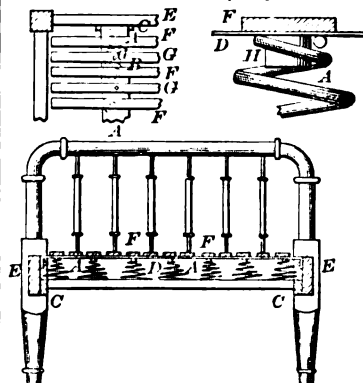
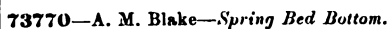
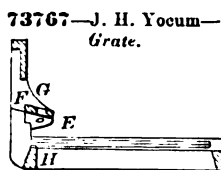
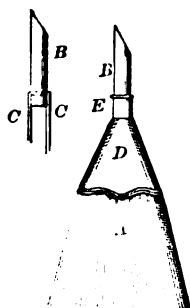
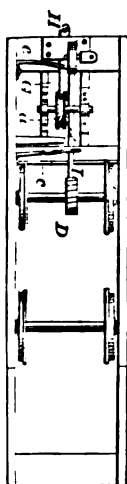


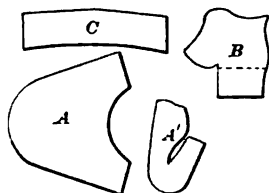
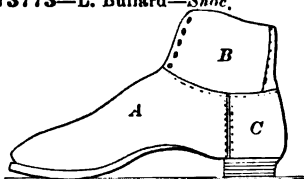
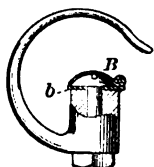
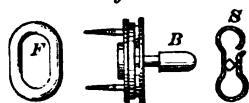
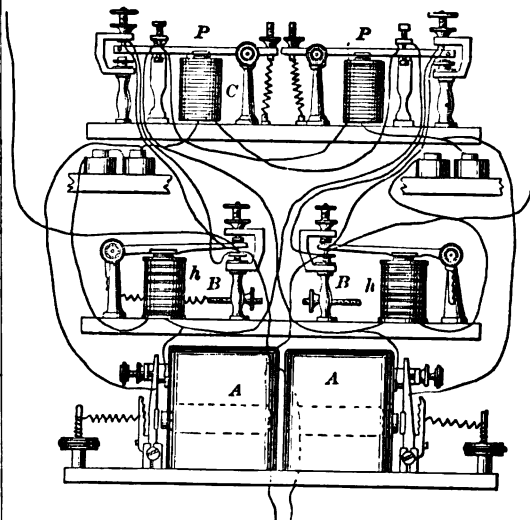
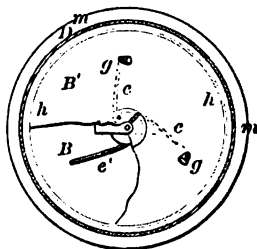
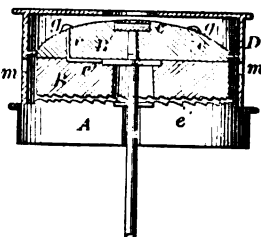
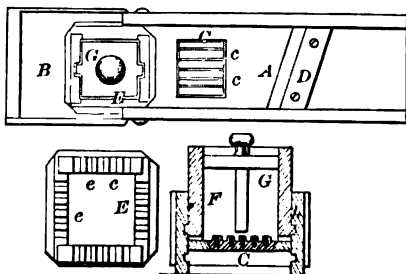
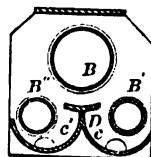
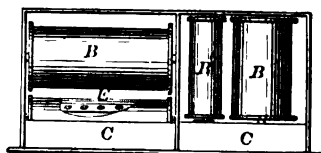
73758—Russell & Joline—Anchor.

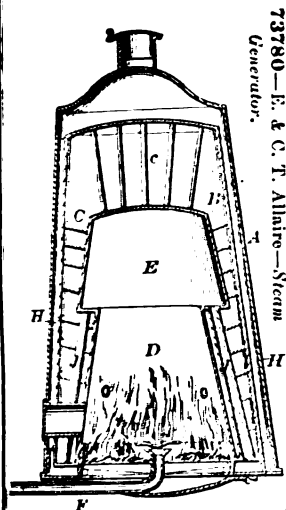


73763—Smith & Pike—Carriage Top.

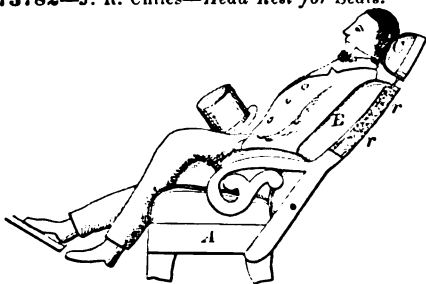




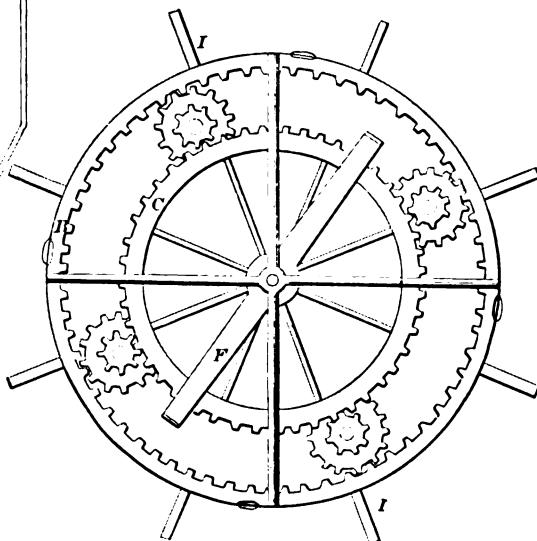
73772—C. A. & W. Bradford—*Rein Holder.*73773—L. Bullard—*Shoe.*73777—J. S. Campbell—*Check Rein Hook.*73778—S. P. Campbell—*Button for Carriage Holders.*73774—J. H. Bunnell—*Telegraph Repeater.*73776—J. Campbell—*Ventilating Mill Stones.*73775—J. Caldwell—*Vegetable Cutter.*73779—B. F. Cauffman—*Cane Mill.*



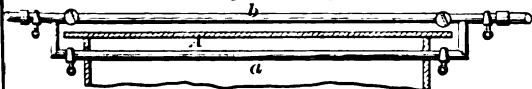
73782—J. R. Chiles—Head Rest for Seats.



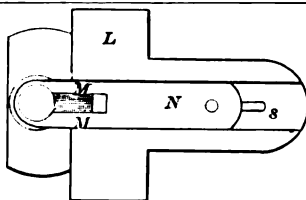
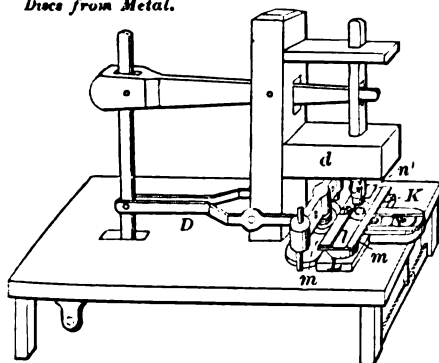
73783—R. Cromelien—Paddle Wheel.



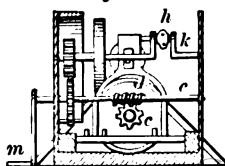
73781—R. A. Chescbrough—Heating Railroad Cars.



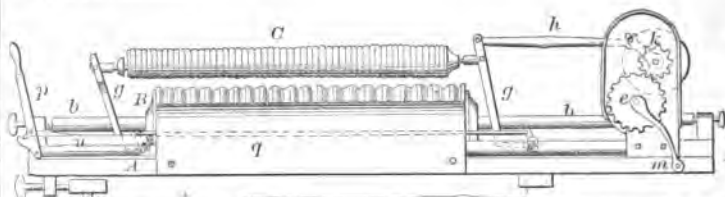
73784—C. Diedrichs—Punching and Raising Discs from Metal.



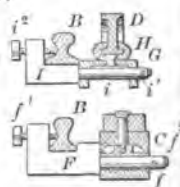
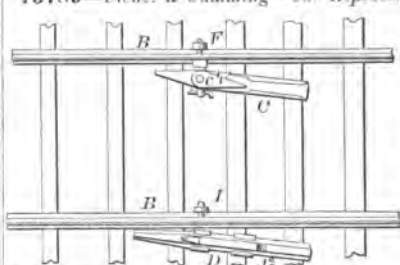
73785—W. Eberhard—Washing Machine.



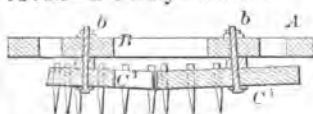
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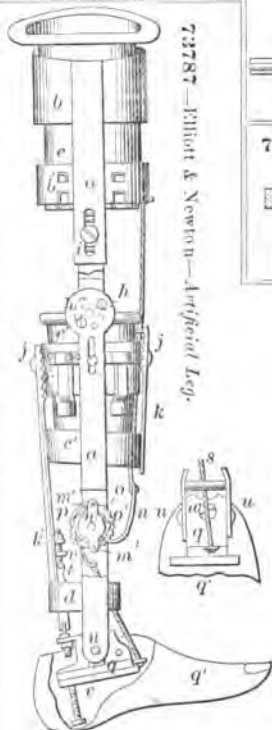
73789—Fisher & Cumming—Car Replacer.



73792—E. Forney—Harrow.



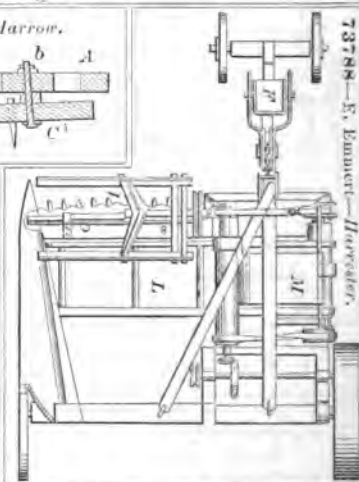
73787—Elliot & Newton—Artificial Leg.



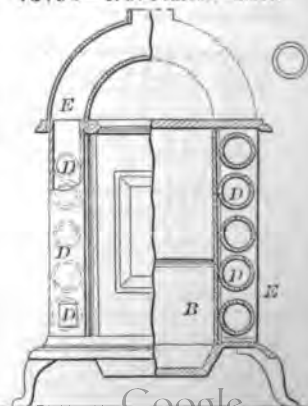
73791—A. C. Fletcher—Ride Posters.



73794—E. Emmet—Harrow.



73793—T. J. Frazier—Stove.



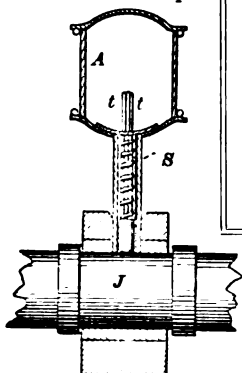
73795—Fisk & Flagg—Neck Tie.



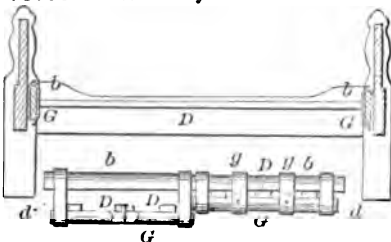
73704—G. W. (unl)—Tobacco Bag.



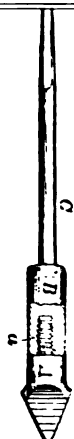
73795—Gerdon & Schindler—Oil Cup.



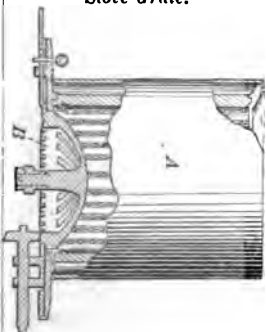
73799—F. C. Gridley—Bed Bottom.



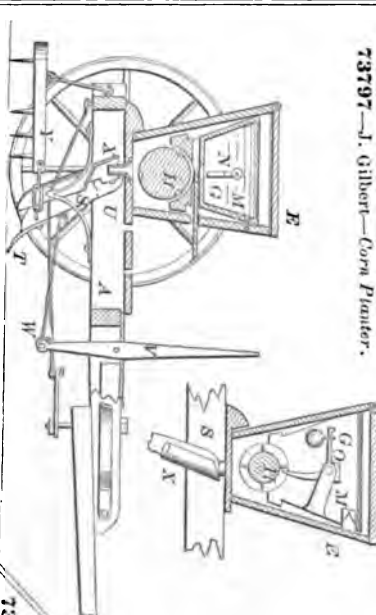
73798—J. (unl)—Soldering Iron.



73800—J. W. Griswold—Store Grate.



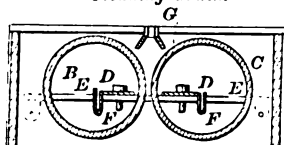
73797—J. Gilbert—Corn Planter.



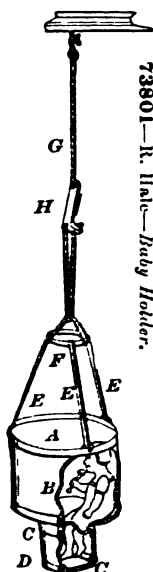
73796—E. F. Gilbert—Screen Attachment for Wash Stands.



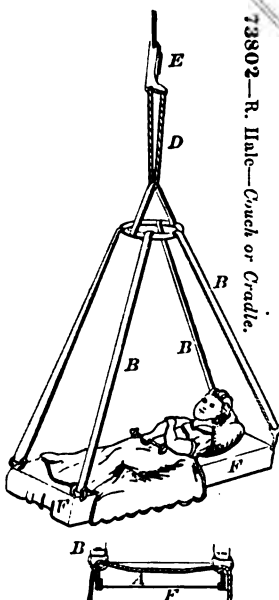
73803—Hancock & Leaman—For Cleaning Grain.



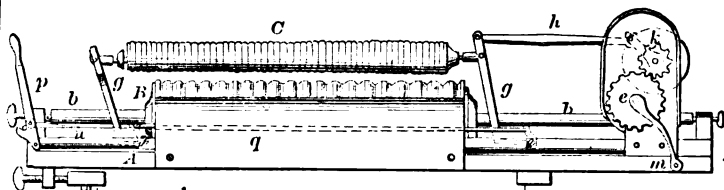
73801—R. Hale—Baby Holder.



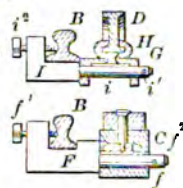
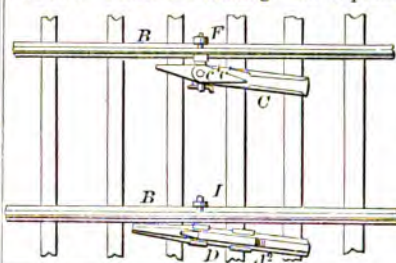
73802—R. Hale—Couch or Cradle.



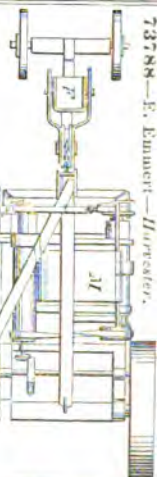
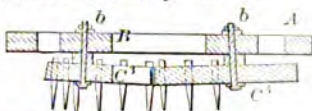
73785—Continued.



73789—Fisher & Cumming—Car Replacer.

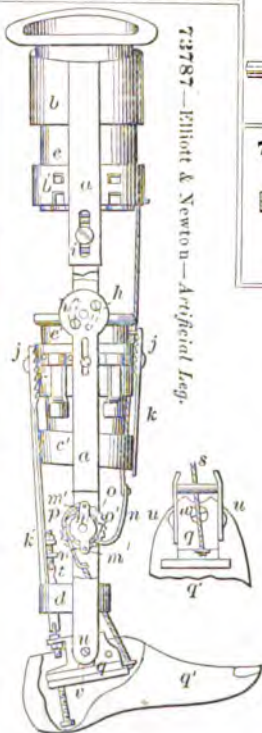


73792—E. Forney—Harrow.



73788—E. Emmert—Hopper.

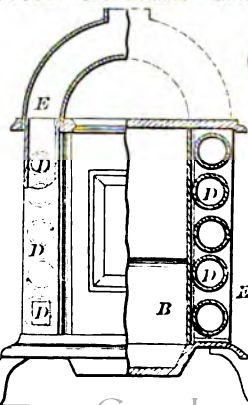
73787—Elliot & Newton—Artificial Leg.



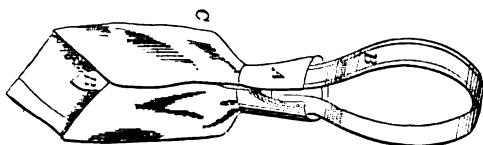
73791—A. C. Fletcher—Rule Fastener.



73793—T. J. Frazier—Sore.



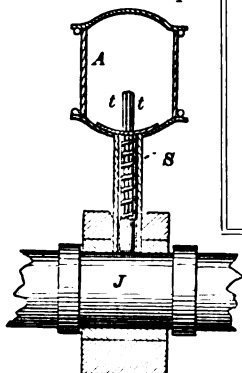
73790—Fisk & Flagg—Neck Tie.



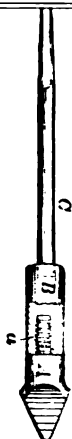
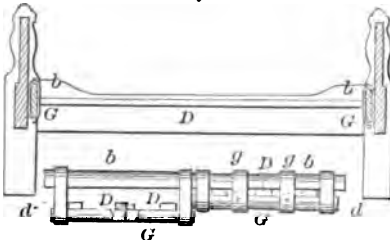


73704—G. W. (unl)—Tobacco Bag.

73795—Gerdond & Schindler—Oil Cup.

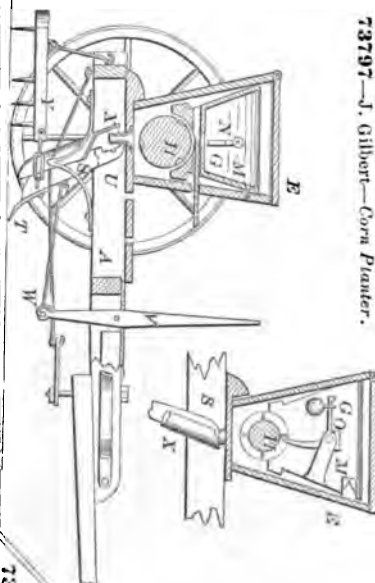
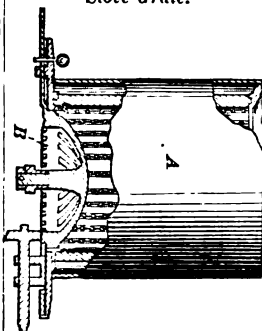


73799—F. C. Gridley—Bed Bottom.

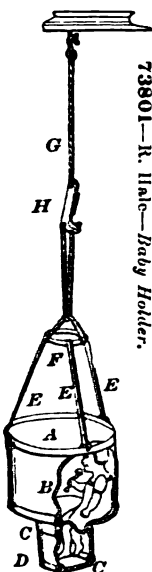


73798—J. Gleason—Soldering Iron.

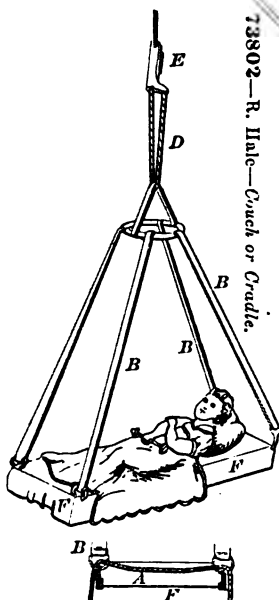
73800—J. W. Griswold—Stove Grate.



73797—J. Gilbert—Corn Planter.

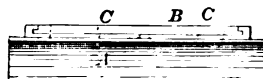


73801—R. Hale—Baby Holder.

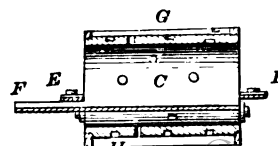
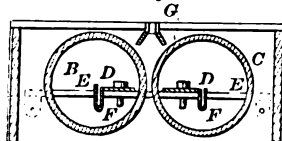


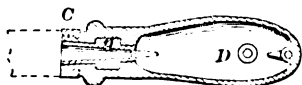
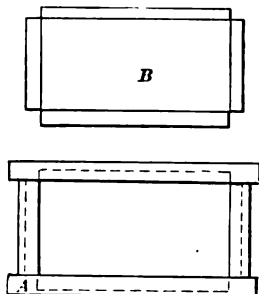
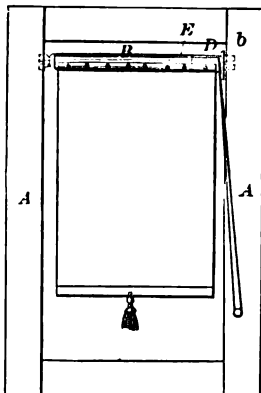
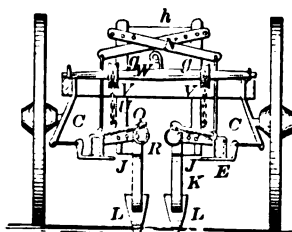
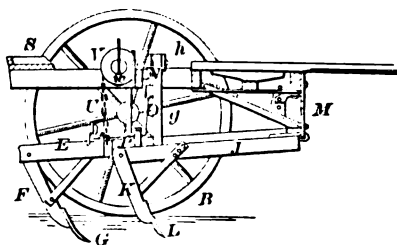
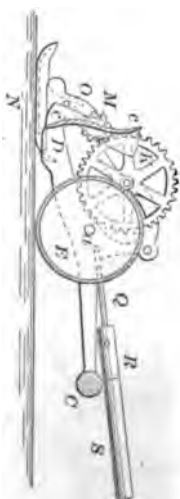
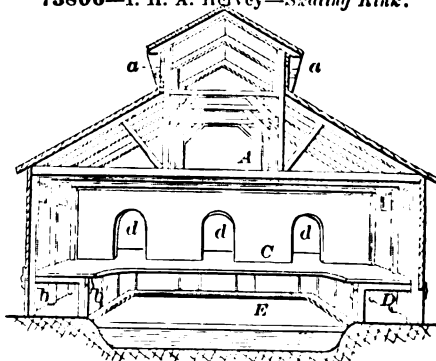
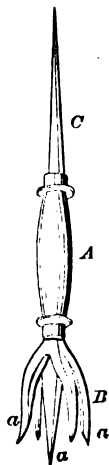
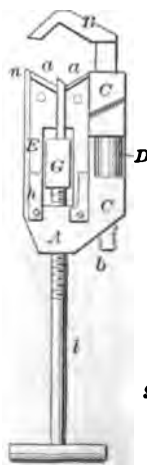
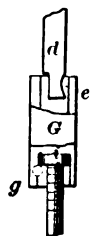
73802—R. Hale—Cradle or Cradle.

73796—E. F. Gilbert—Screen Attachment for Wash Stands.

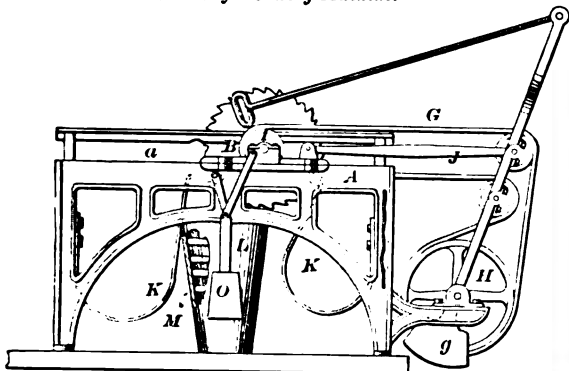


73803—Hancock & Leaman—For Cleaning Grain.

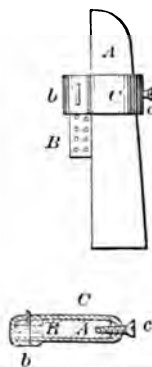


73804—J. Hatton—*Metallic Handle.*73810—J. L. Inskeep—*Sugar Mould.*73811—C. R. Jenkins—*Curtain Fixture.*73805—J. T. Herndon—*Cultivator.*73806—I. H. A. Hervey—*Skating Rink.*73807—A. M. Hills—*Lawn Mower.*73808—L. L. Hodges—*Picture Frame Support.*73809—S. G. Hoyt—*Ice Pick.*73813—O. B. Kirk—*Pipe and Bolt Cutter.*

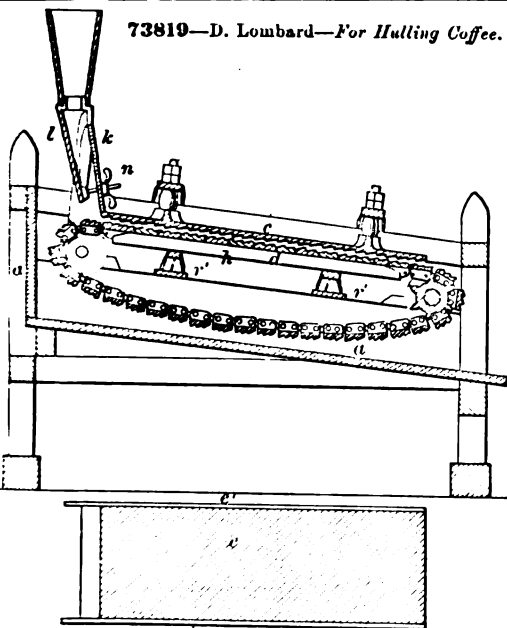
73814—Lane & Bodley—Sawing Machine.



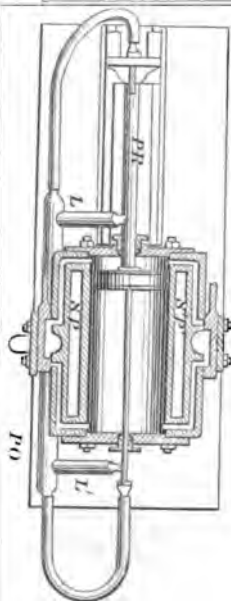
73818—R. Leach—Picker for Looms.



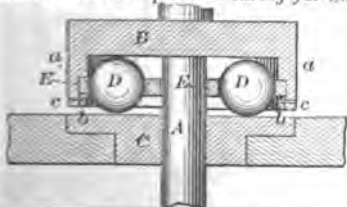
73819—D. Lombard—For Hulling Coffee.



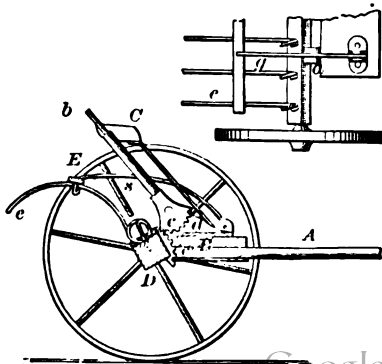
73816—W. H. Lambach—Gas Engine.



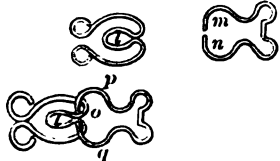
73815—J. F. Laplace—Bearing for Shafts.

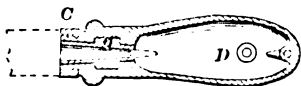
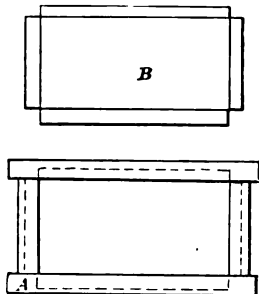
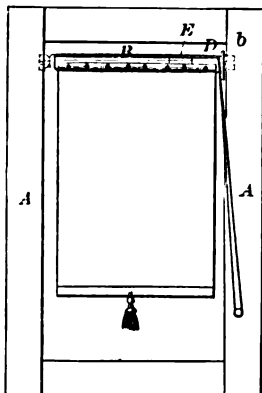
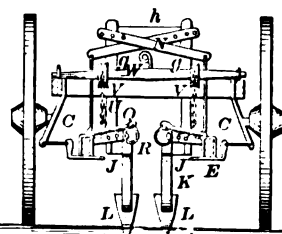
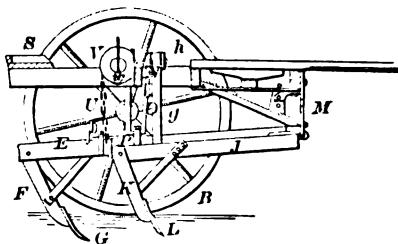
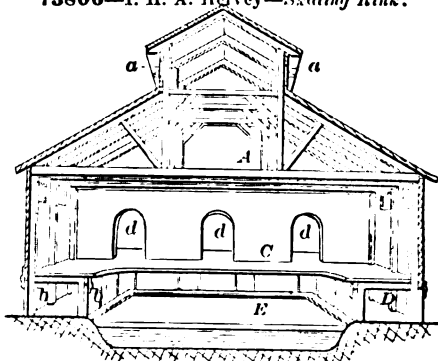
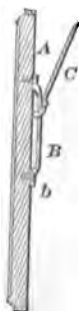
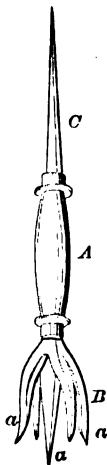
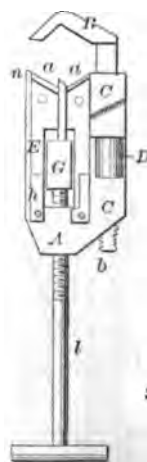


73820—C. O. Lucc—Horse Rake.

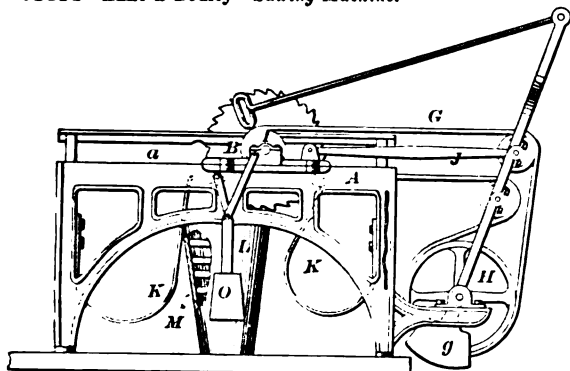


73817—W. Law—Hooks and Eyes.

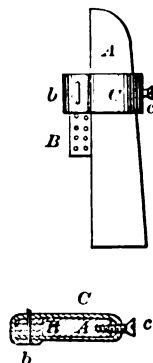


73804—J. Hatton—*Metallic Handle.*73810—J. L. Inskeep—*Sugar Mould.*73811—C. R. Jenkins—*Curtain Fixture.*73805—J. T. Herndon—*Cultivator.*73806—I. H. A. Hervey—*Skating Rink.*73807—A. M. Hills—*Lucas Moore.*73808—L. L. Hodges—*Picture Frame Supporter.*73809—S. G. Hoyt—*Ice Pick.*73813—O. B. Kirk—*Pipe and Bolt Cutter.*

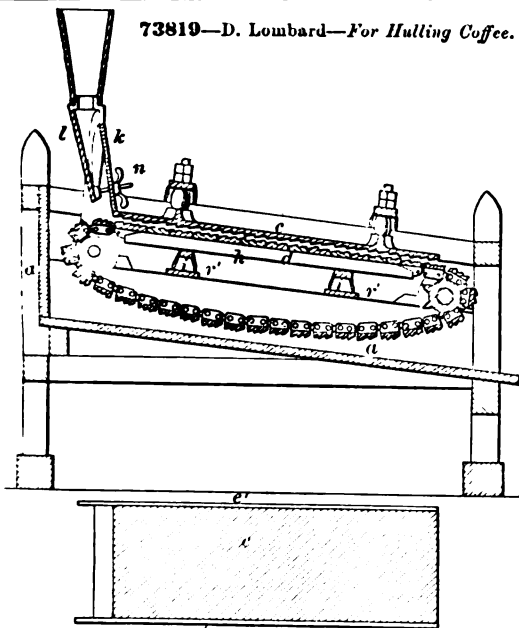
73814—Lane & Bodley—Sawing Machine.



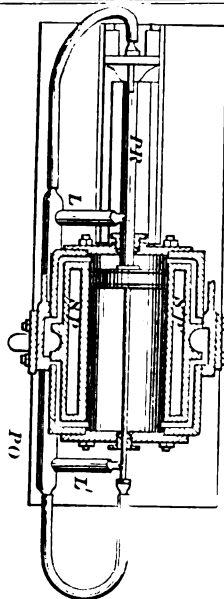
73818—K. Lench—Picker for Looms.



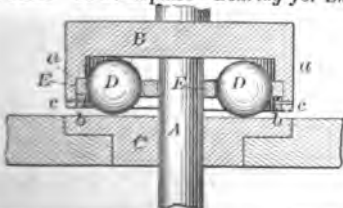
73819—D. Lombard—For Hulling Coffee.



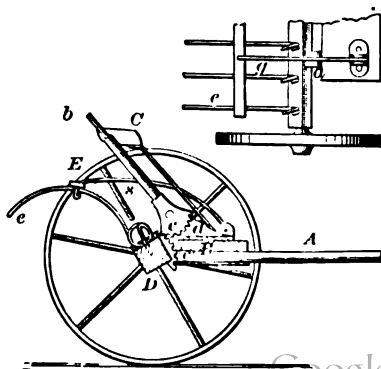
73816—W. H. Laubach—Gas Engine.



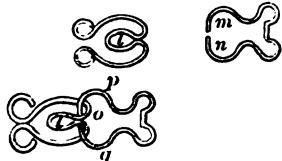
73815—J. P. Laplace—Bearing for Shafts.

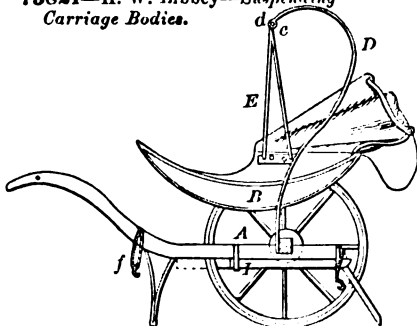
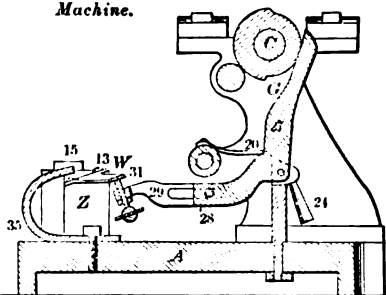
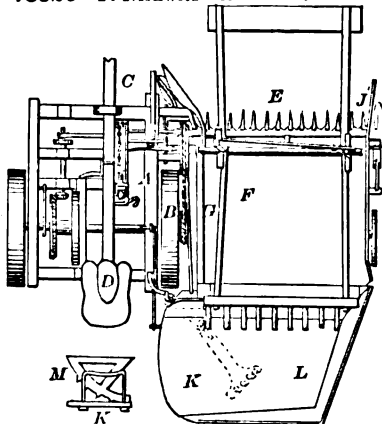
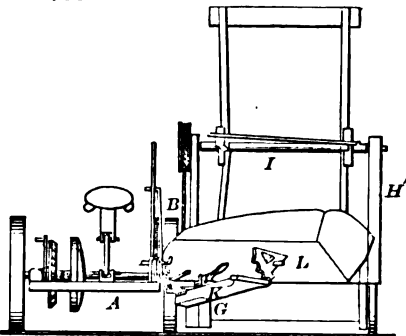
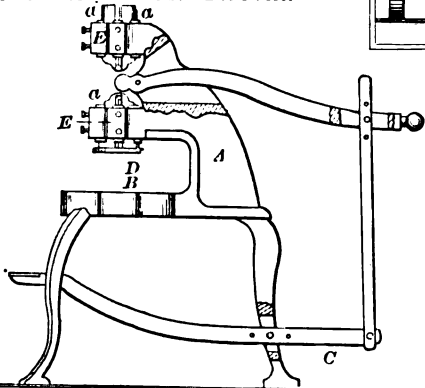
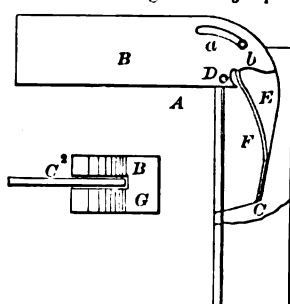
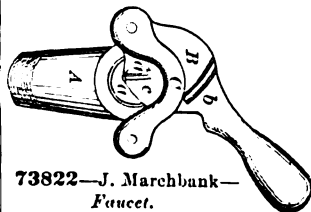
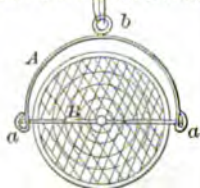
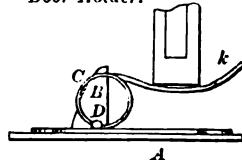


73820—C. O. Lucc—Horse Rake.

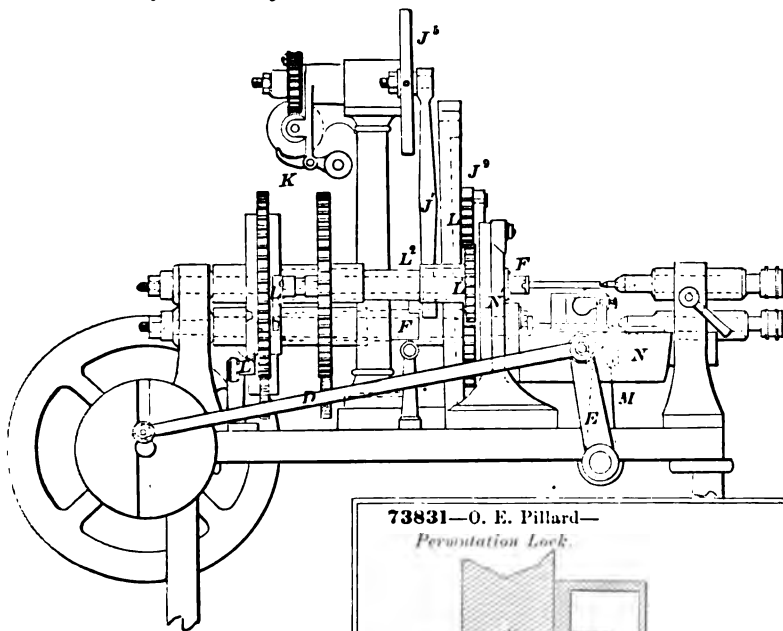


73817—W. Law—Hooks and Eyes.

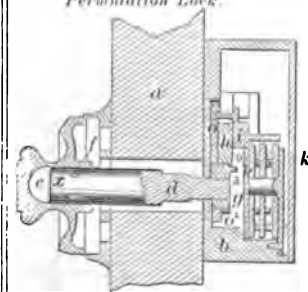


73821—H. W. Libbey—*Suspending Carriage Bodies.***73824**—J. B. Mignault—*File Cutting Machine.***73826**—F. Nishwitz—*Harvester.***73827**—F. Nishwitz—*Harvester.***73823**—Mays & Bliss—*Die Press.***73828**—H. L. Ogden—*Try Square.***73825**—F. W. Myrick—*Thread and Yarn Holder.***73822**—J. Marchbank—*Faucet.***73829**—J. B. Okey—*Spring Door Holder.*

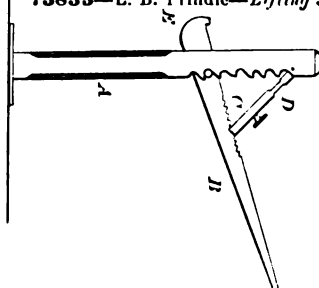
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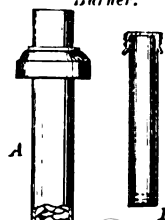
73831—O. E. Pillard—
Permutation Lock.



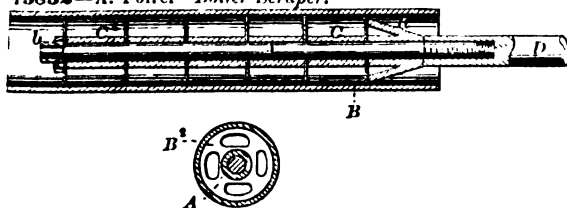
73833—L. B. Prindle—Lifting Jack.

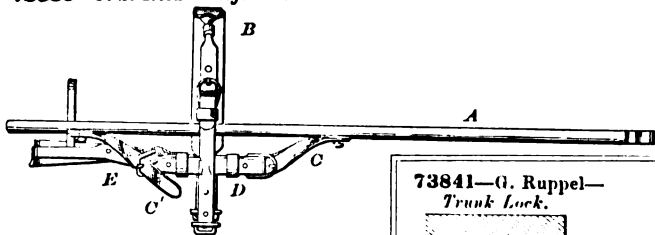
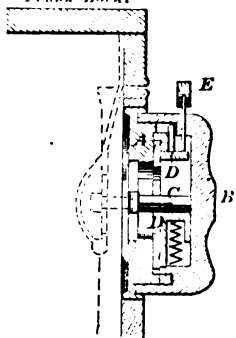
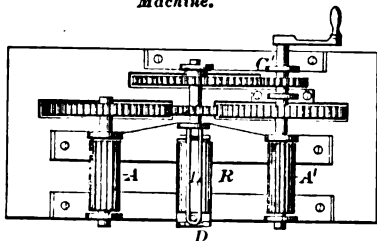
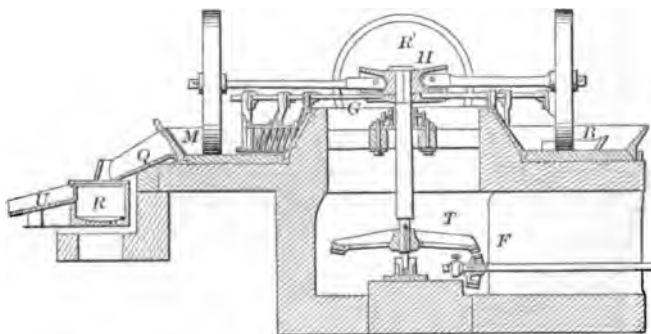
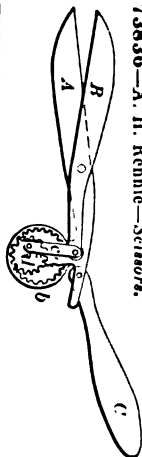
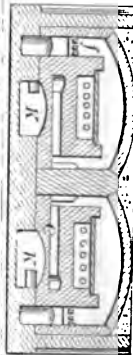
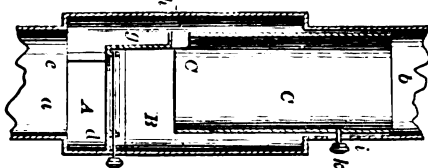
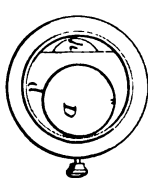
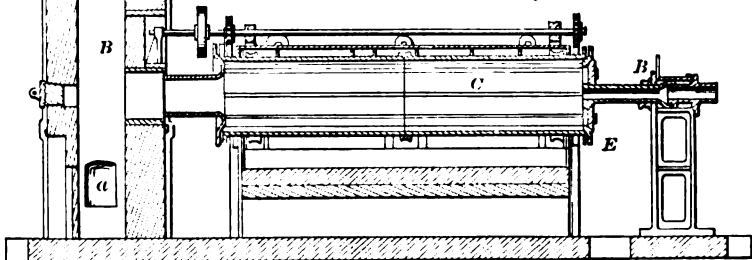


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Burner.

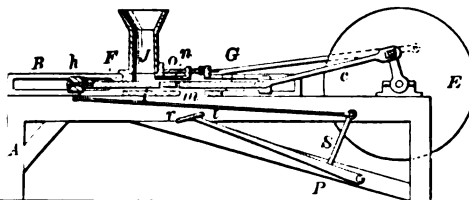


73834—A. Poirer—Boiler Scraper.

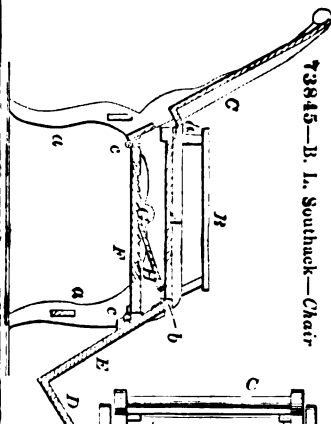


72835—J. S. Reid—*Single Harness.***73841**—G. Ruppel—*Trunk Lock.***73837**—Richardson & Müller—*Bending Machine.***73839**—L. E. Rivot—*For Amalgamating Gold and Silver Ores.***73836**—A. H. Rennie—*Scissors.***73838**—L. E. Rivot—*For Treating Ores.***73842**—S. B. Sill—*Heat Radiator.***73840**—L. E. Rivot—*For Treating Ores.*

73843—J. Simpson—Brick Machine.



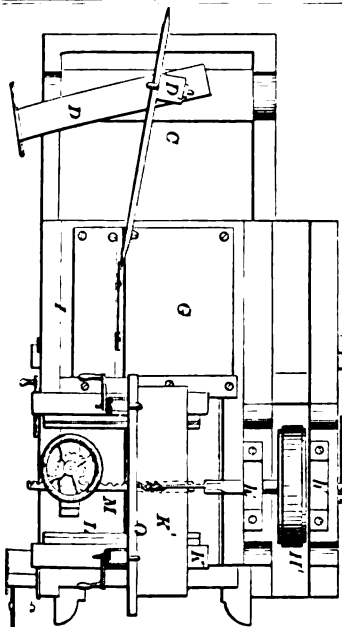
73845—B. L. Southack—Chair.



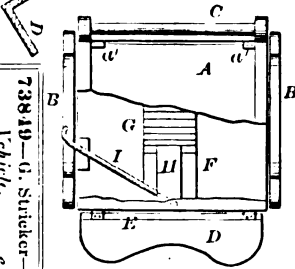
73848—
Stevell & Kerper—
Leather Belting.



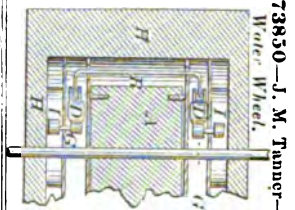
73844—J. A. Snyder—For Mortaring Post and Shaping Rails.



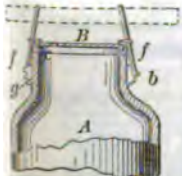
73849—G. Stricker—
Vehicle.



73850—J. M. Tanner—
Water Wheel.



73846—C. F. Spencer—
Fruit Jar.



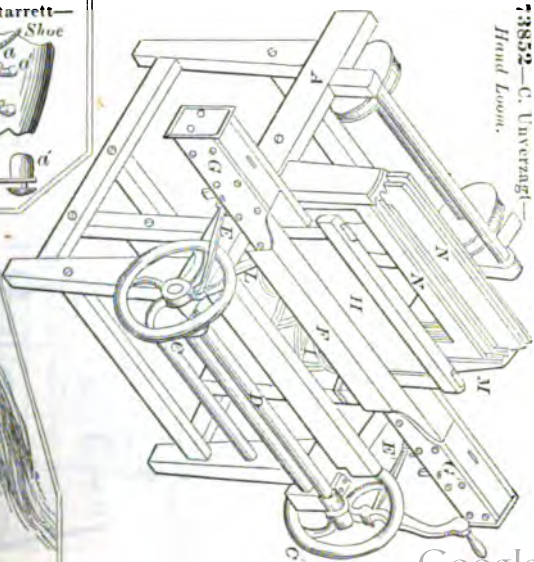
73847—
L. S. Starrett—
Shoe.



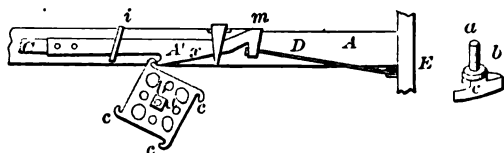
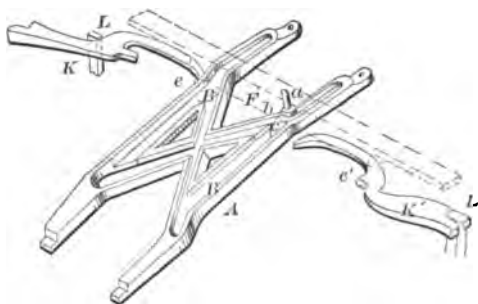
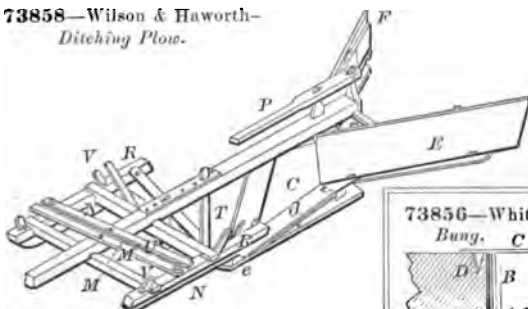
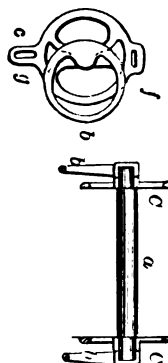
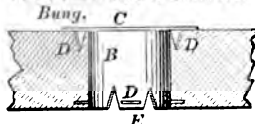
73851—B. Treadwell—Insect
Guard for Horses.



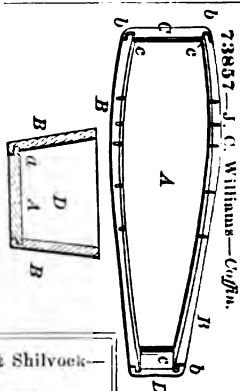
73852—C. Unverzagt—
Hand Loom.



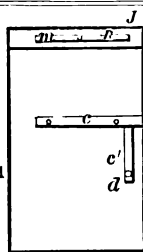
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73858—Wilson & Haworth—
Ditching Plow.73856—White & Shilcock—
Bung, C

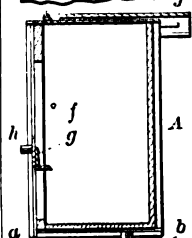
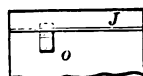
73853—G. Webb—Brille Bit.



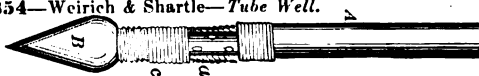
73857—J. C. Williams—Coffin.



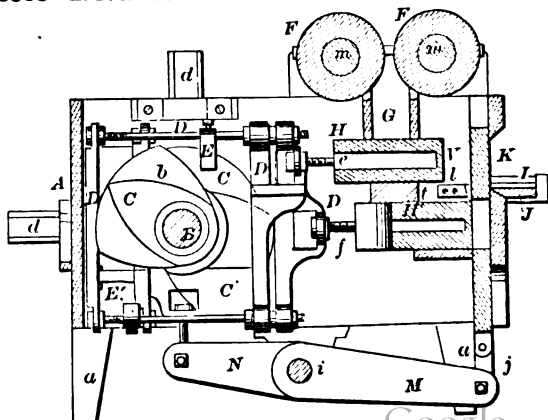
73855—J. H. Wheeler—Match Box.



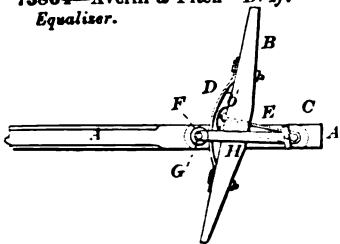
73854—Weirich & Shurtle—Tube Well.



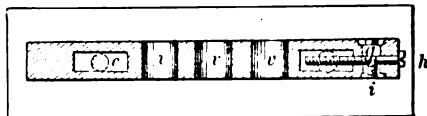
73863—E. F. Andrews—Brick Machine.



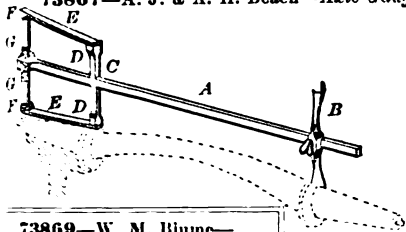
73864—Averill & Fitch—Draft Equaliser.



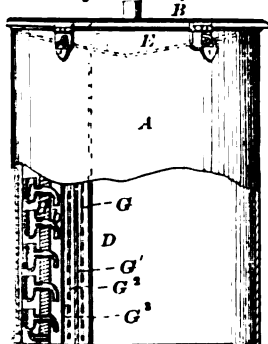
73866—J. Bachelder—Carding Engine Guide.



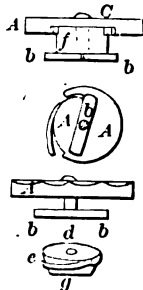
73867—A. J. & A. H. Beach—Axe Gauge.



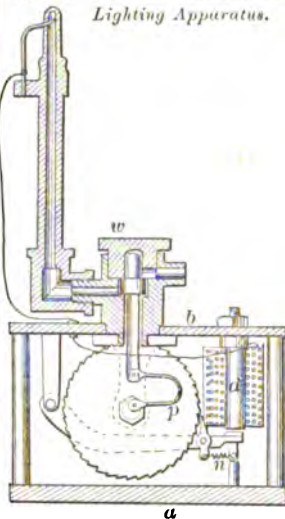
73869—W. M. Blume—Measuring Receiver for Stills.



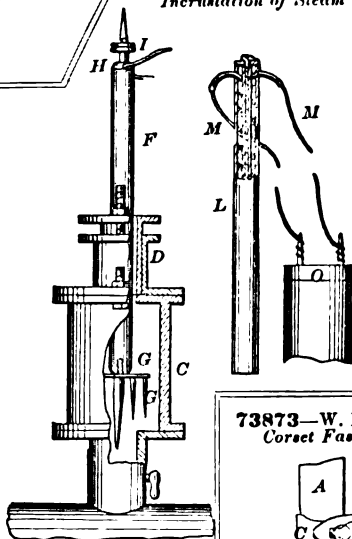
73871—F. M. Bugbee—Button.



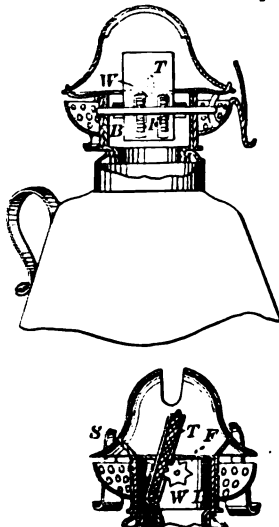
73868—F. Bean—Electric Gas Lighting Apparatus.



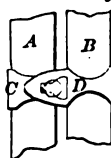
73872—S. G. Cabell—Preventing Incrustation of Steam Boilers.

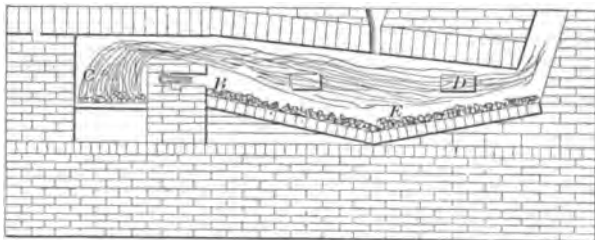
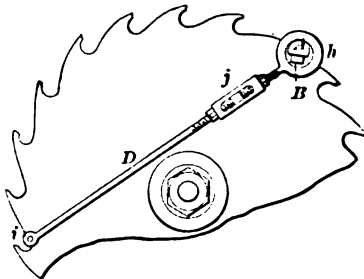
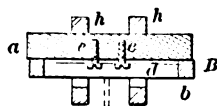
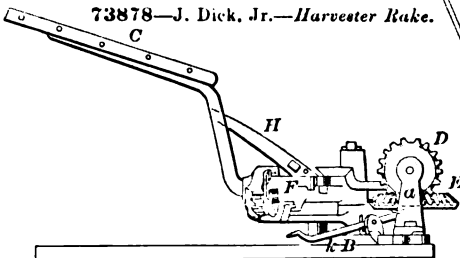
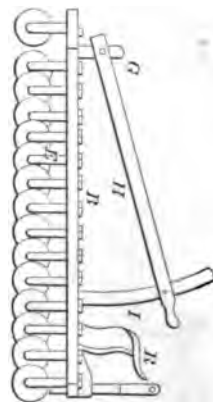
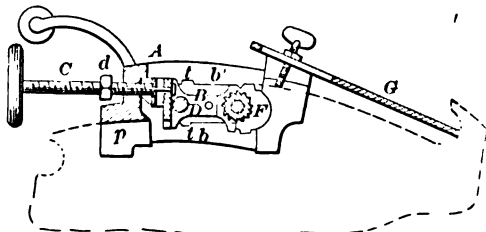
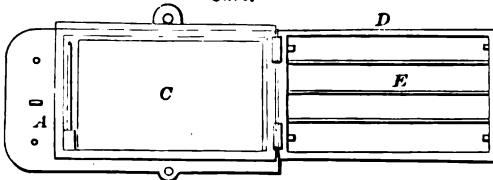
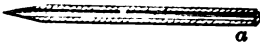
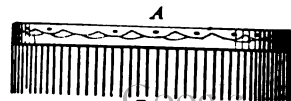


73870—A. W. Brown—Lamp.

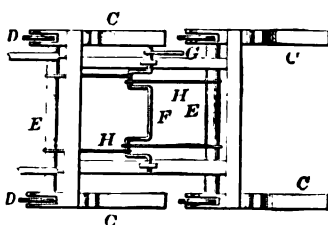


73873—W. B. Cargill—Corset Fastening.

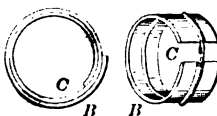


73874—C. B. Carpenter—*Reducing Lead Ore.*73877—J. E. Crumpton—*Priming Metallic Cartridges.*73875—W. Clark—*Check and Harness Rein.*73879—H. Disston—*For Setting Saws.*73878—J. Dick, Jr.—*Harvester Rake.*73880—T. S. Disston—*Saw Gumming Machine.*73876—E. Crane—*For Scarifying the Soil.*73881—S. W. Downey—*Address Case for Railroad Cars.*73883—E. Faber—*Lead Pencil.*73884—C. Foster—*Comb.*

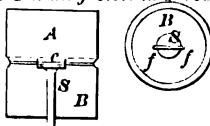
73885—D. C. Frazeur—Sleigh and Sled.



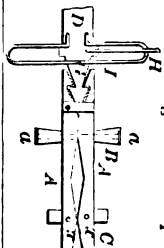
73887—N. W. Green—Connecting Stone Pipes.



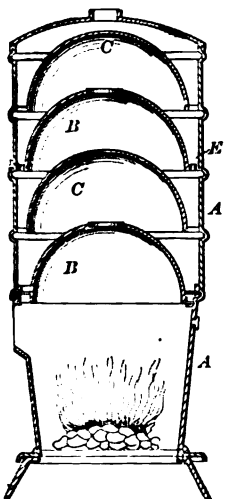
73888—H. Hammond—Die for Forming Slots in Screws.



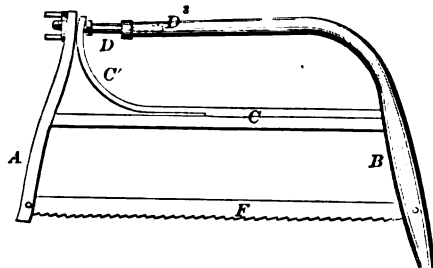
73889—D. Harger—Car Coupling.



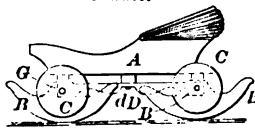
73886—J. C. Gaston—Drum Attachment for Stoves.



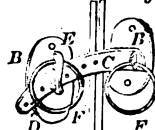
73890—J. Havens—Wood Saw Frame.



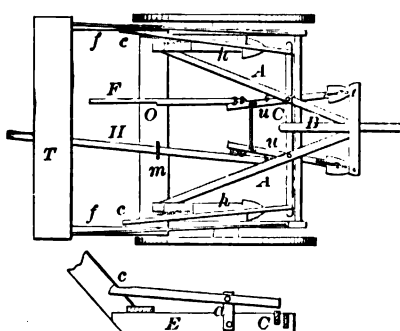
73892—L. & A. R. Hill—Cradle.



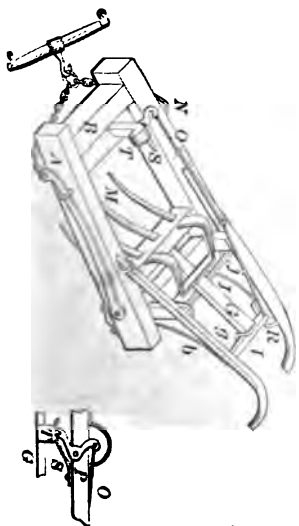
73893—G. G. Hickman—Shutter Fastening.



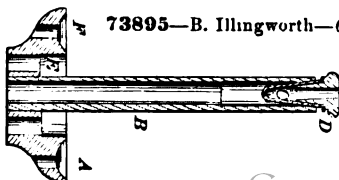
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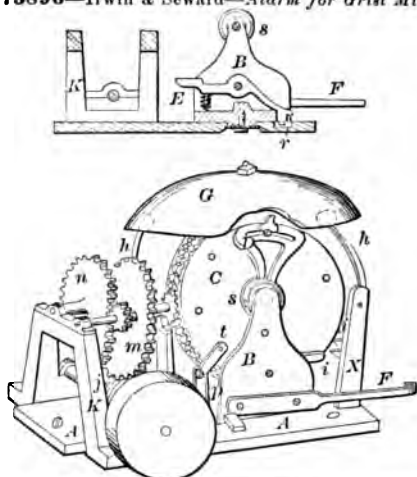
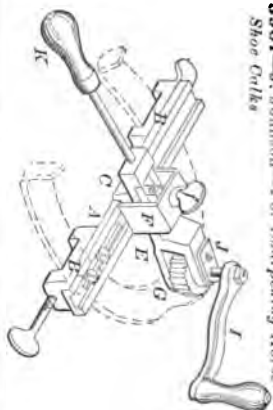
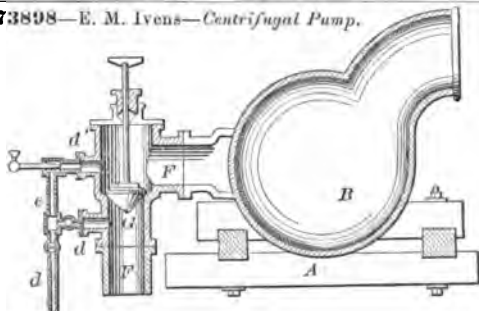
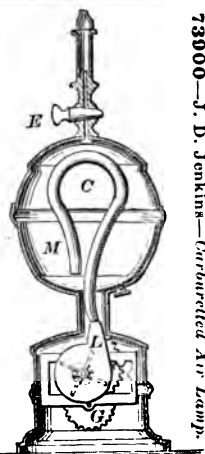
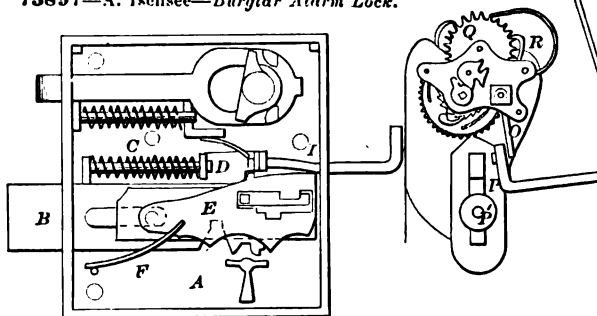
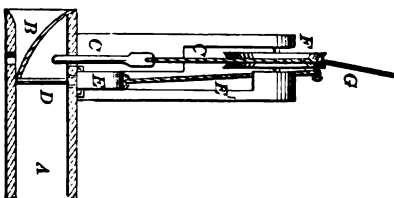
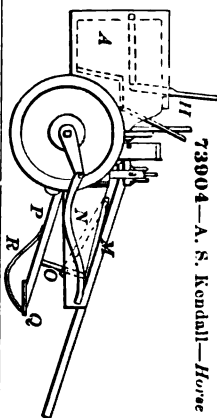


73894—U. Hammer—Manure Drag.

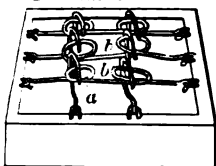


73895—B. Illingworth—Churn.



73896—Irwin & Seward—*Alarm for Grist Mills.***73901**—J. Johnson—*For Sharpening Horse Shoe Cuts***73898**—E. M. Ivens—*Centrifugal Pump.***73900**—J. D. Jenkins—*Carburetted Air Lamp.***73897**—A. Isensee—*Burglar Alarm Lock.***73902**—J. B. Johnson—*Car Coupling.***73903**—P. Jones—*Clip and Ferrule for Joins and Felloes***73904**—A. S. Kendall—*Horse Rack*

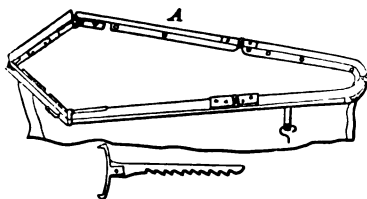
73905—A. H. Knapp—*Bed Bottom.*



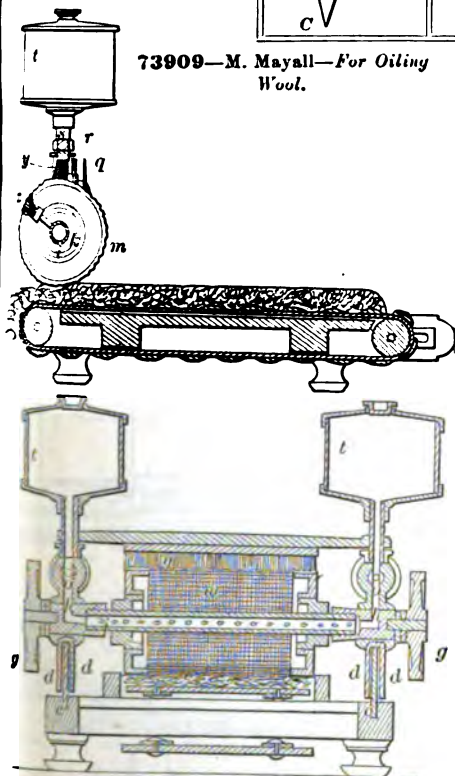
73906—W. W. Martin—*Spike.*



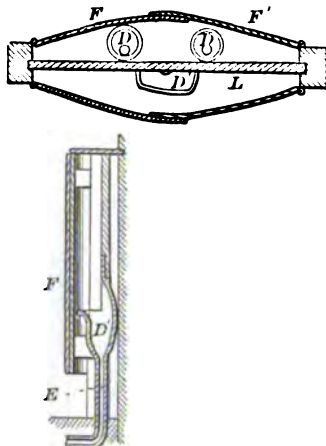
73906—E. J. Knowlton—*Bath Tub.*



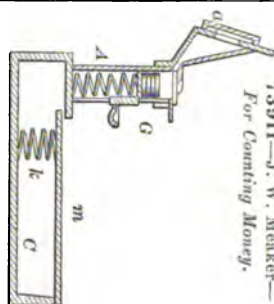
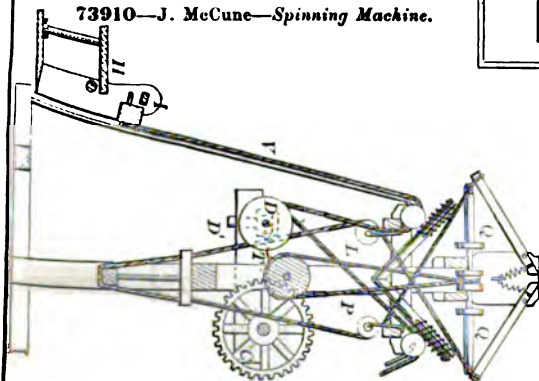
73909—M. Mayall—*For Oiling Wool.*



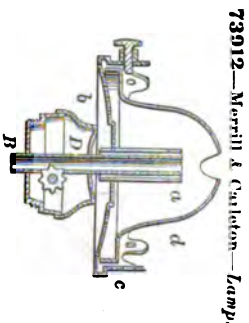
73907—S. Males—*Urinal.*



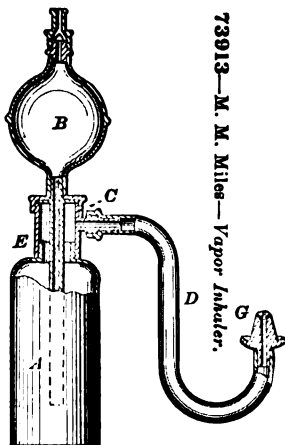
73910—J. McCune—*Spinning Machine.*



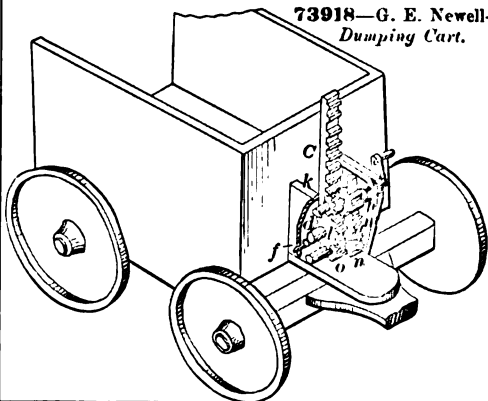
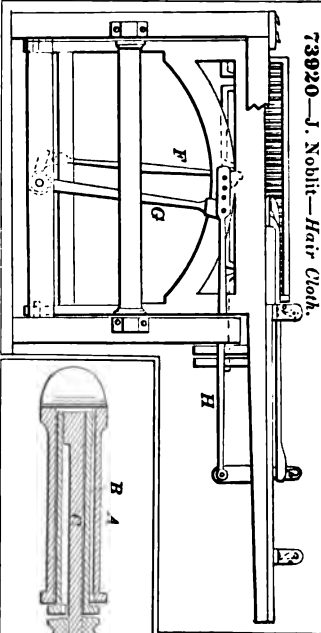
73911—J. W. Monker—*For Counting Money.*



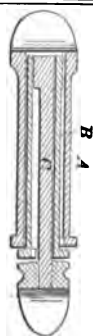
73912—Merrill & Cusick—*Lamp.*



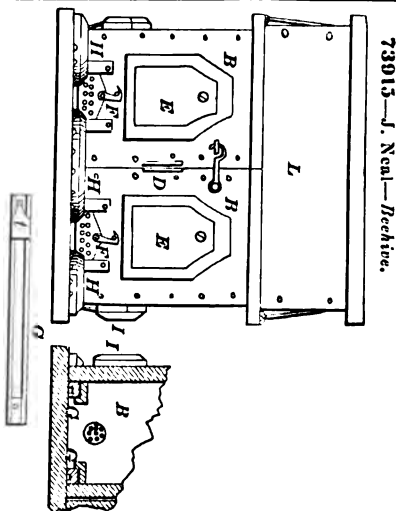
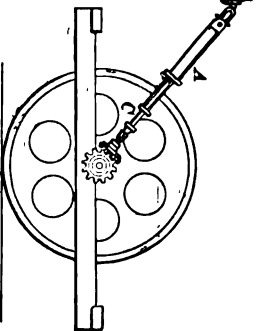
73913—M. M. Miles—Vapor Inhaler.

73918—G. E. Newell—
Dumping Cart.

73920—J. Noble—Hair Cloth.

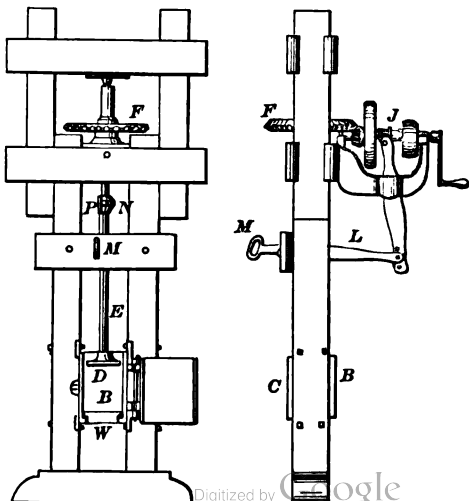


73914—C. Moul—Harvester.



73915—J. Neal—Beehive.

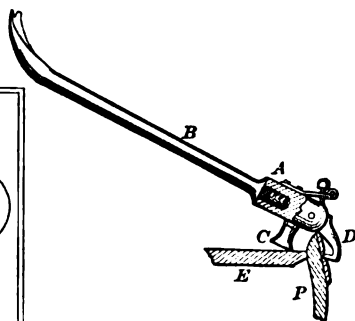
73921—L. P. Norton—For Cleaning Clay.



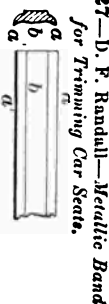
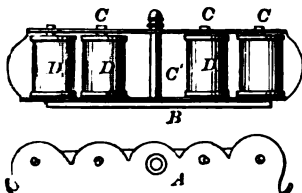
73922—W. C. Philbrick—*For Kindling Fires.*



73923—T. J. Phillips—*For Opening Barrels.*

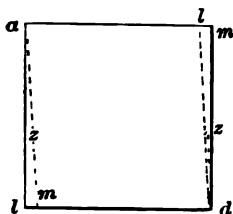


73926—G. A. Pridham—*Spool Stand.*

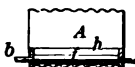
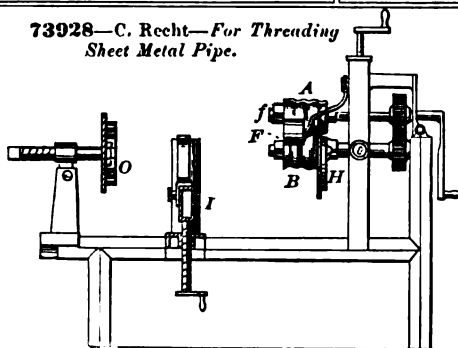


73927—D. F. Randall—*Metallic Band for Trimming Car Seats.*

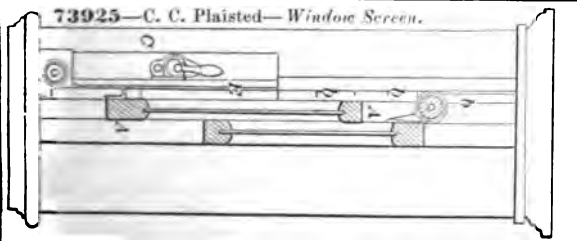
73929—C. Recht—*Sheet Metal Pipe.*



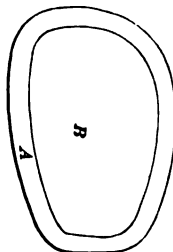
73928—C. Recht—*For Threading Sheet Metal Pipe.*



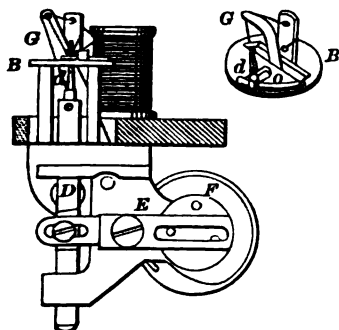
73925—C. C. Plaisted—*Window Screen.*



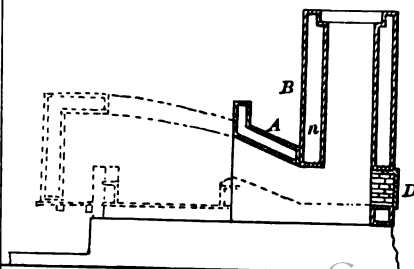
73924—R. S. Pickett—*India Rubber Sole.*



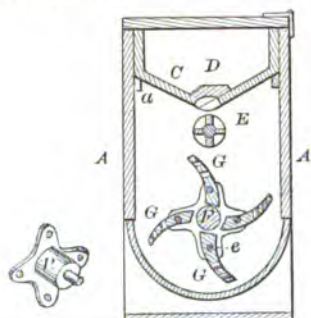
73930—G. Rehfuess—*Braid Machine.*



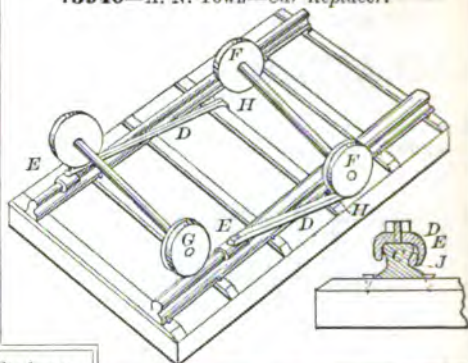
73931—H. Ross—*Puddling Furnace.*



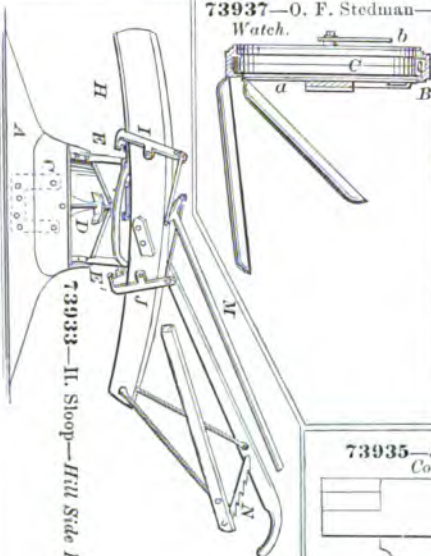
73932—J. B. Rumsey—Churn.



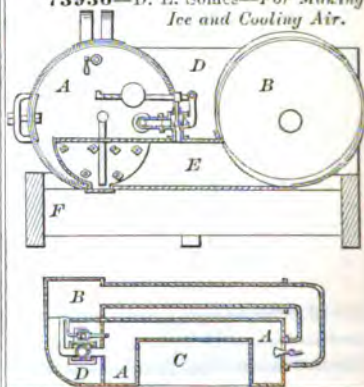
73940—A. N. Town—Car Replacer.



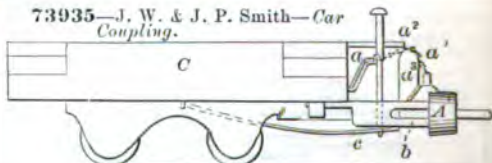
73937—O. F. Stedman—Watch.



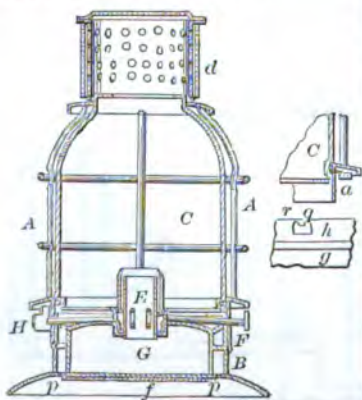
73936—D. E. Somes—For Making Ice and Cooling Air.



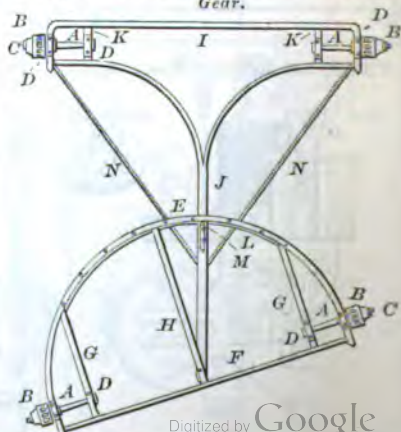
73935—J. W. & J. P. Smith—Car Coupling.



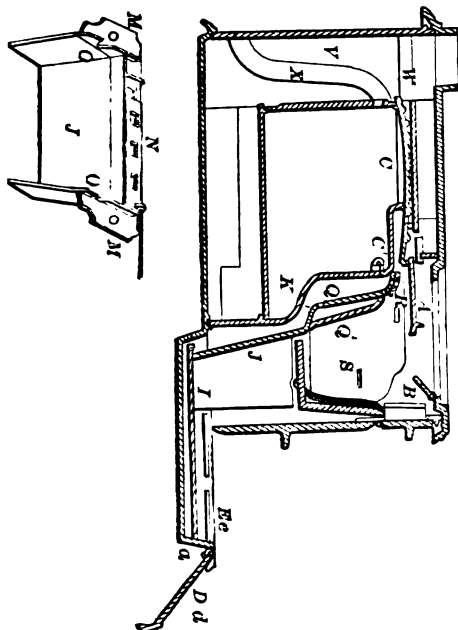
73934—A. G. Smith—Lantern.



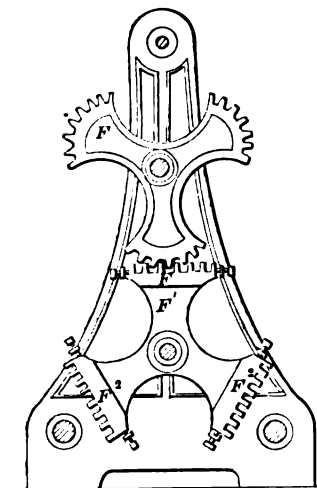
73941—J. B. Withey—Carriage Running Gear.



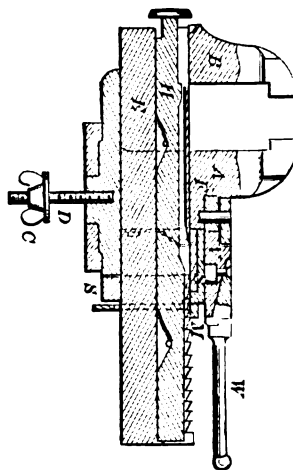
73942—Adams & Peckover—Stove.



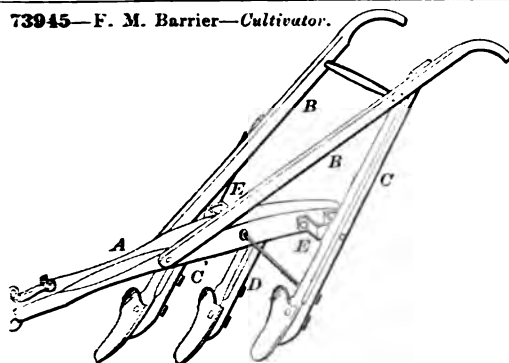
73943—E. Allen—Printing Press.



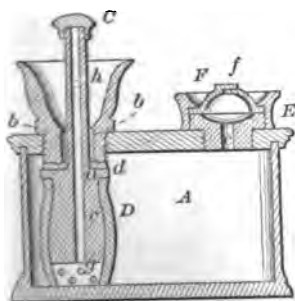
73944—S. S. Barnaby—Vise.



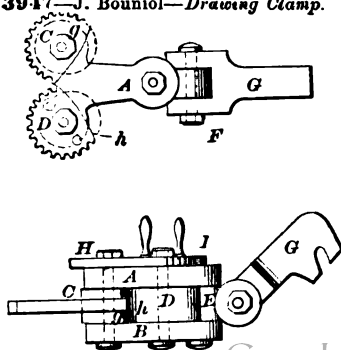
73945—F. M. Barrier—Cultivator.

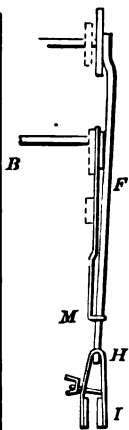
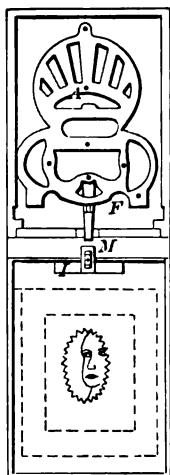


73946—J. Barwick—Inkstand.



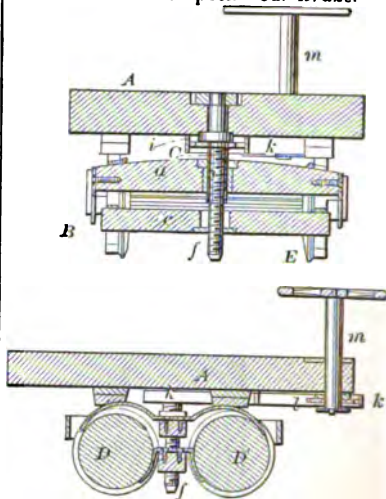
73947—J. Bouniol—Drawing Clamp.



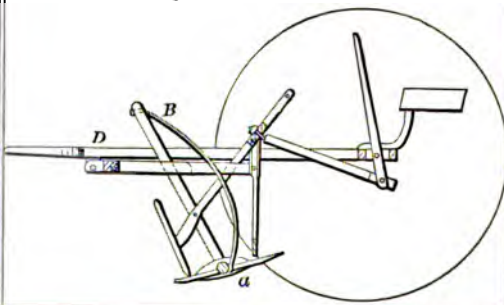


73048—E. & E. W. Brown—Photographic Printing Apparatus.

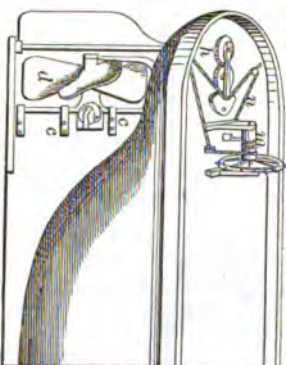
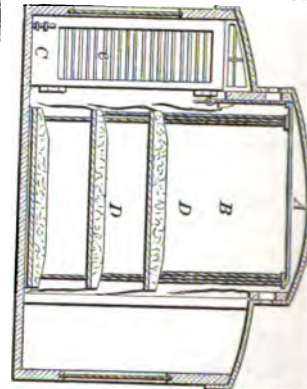
73950—J. A. Campbell—Car Brake.



73952—A. Chapman—Horse Rake.

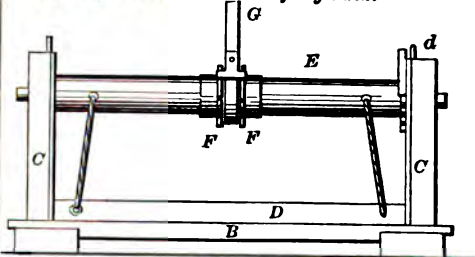


73949—W. Brown—Railroad Car.

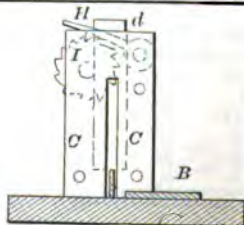


73951—J. L. Cathcart—Steering Apparatus.

73954—J. Coulter, Sr.—Lifting Jack.



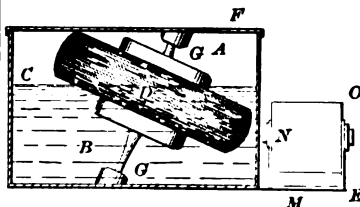
73953—G. F. J. Colburn—Case for Tooth Paste.



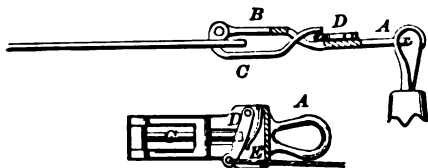
73955—E. Cross—Loom Shuttle.



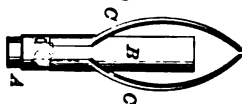
73956—S. Darling—Pen Wiper.



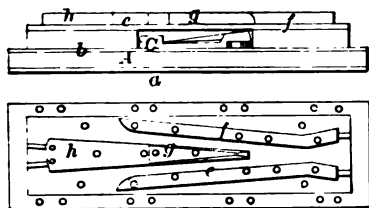
73958—J. L. Dickinson—Safety Harness Hook.



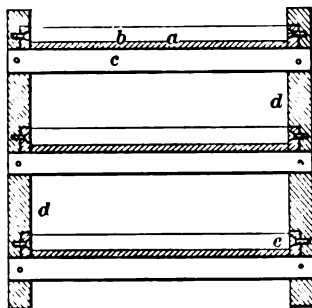
73957—S. Darling—Gas Heater.



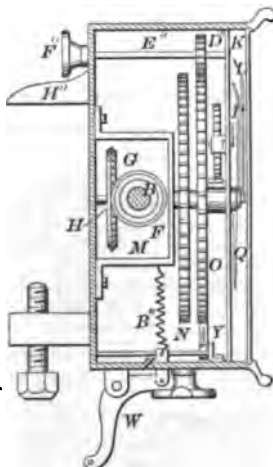
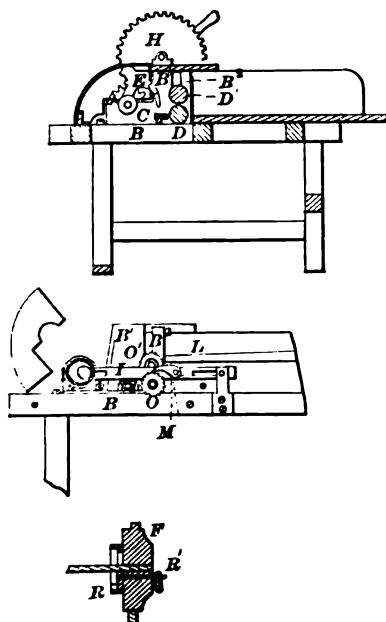
73959—Dow & Riker—Railway Frog.



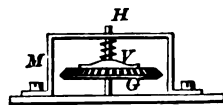
73960—C. A. Erskine—Egg Preserving Frame.



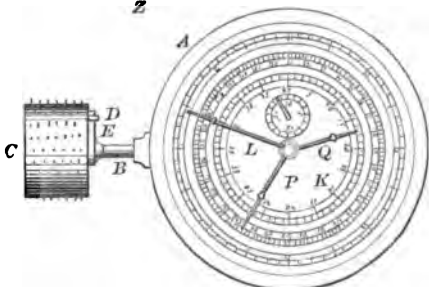
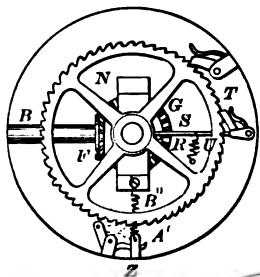
73961—Evans & Wainwright—Straw Cutter.



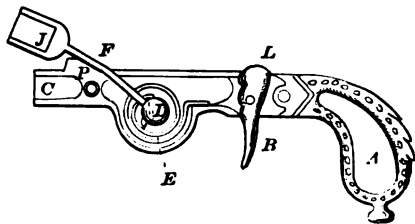
73962—Fellows, Harrison & Dyer—Loom Indicator.



73962—Continued.



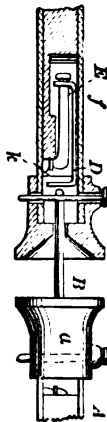
73966—R. Frisbie—Toy Gun.



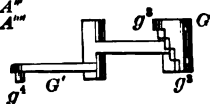
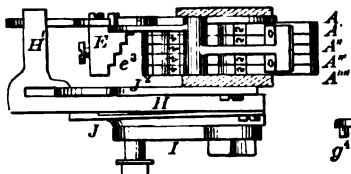
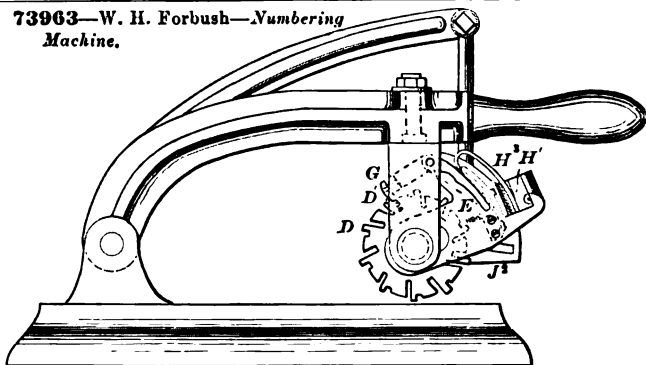
73968—W. Fry—Wetting Instrument for Staves.



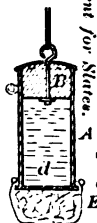
73964—J. Fortier—Car Coupling.



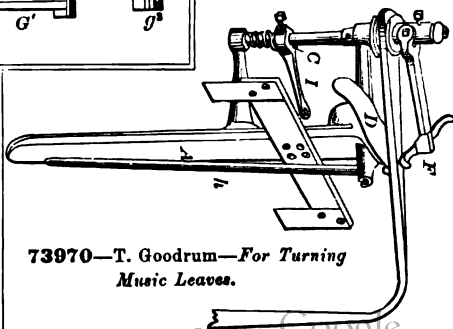
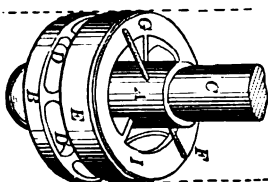
73963—W. H. Forbush—Numbering Machine.



73967—W. T. Fry—Wetting Instrument for Staves.

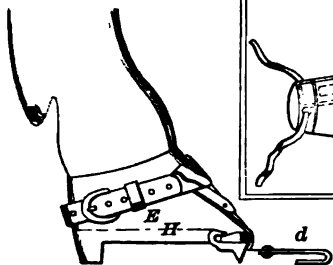


73969—S. P. Gilbert—Pump Piston

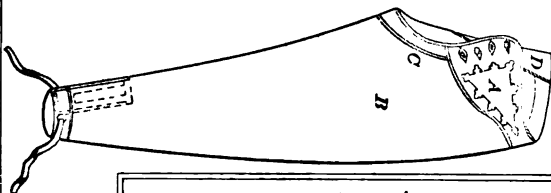


73970—T. Goodrum—For Turning Music Leaves.

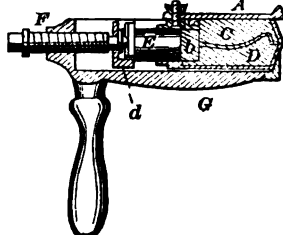
73971—W. T. Harmar—
Horse Shoe.



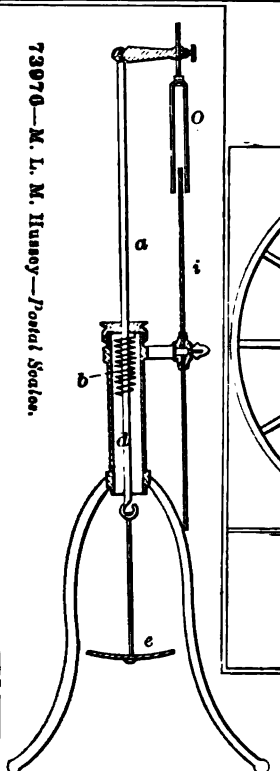
73975—H. Heath—Drawers.



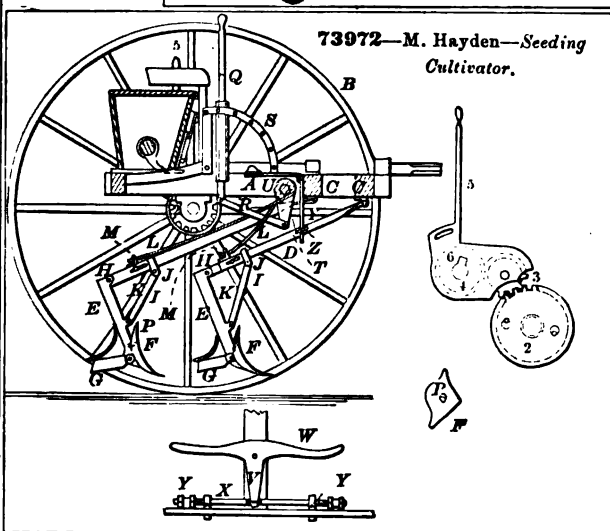
73974—G. E. Hayes—
Dentist's Plank.



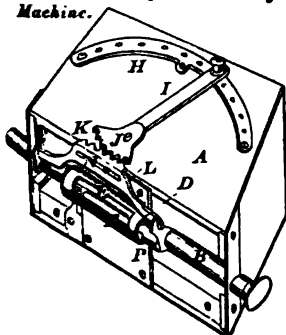
73970—M. L. M. Hussey—Postal Scooter.



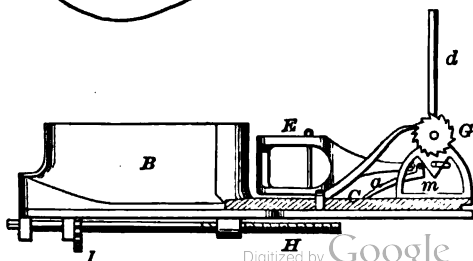
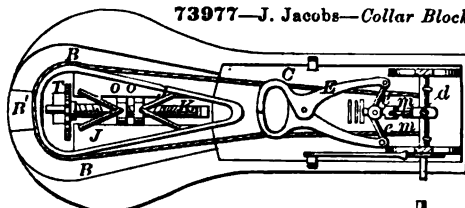
73972—M. Hayden—Seeding
Cultivator.



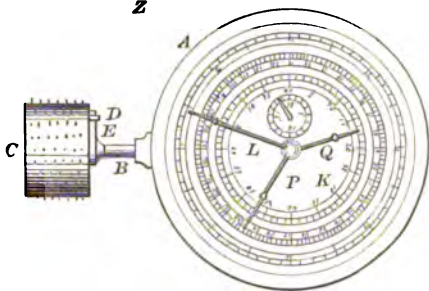
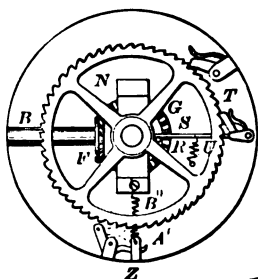
73973—M. Hayden—Seeding
Machine.



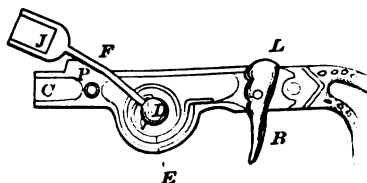
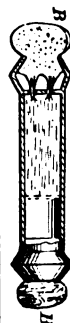
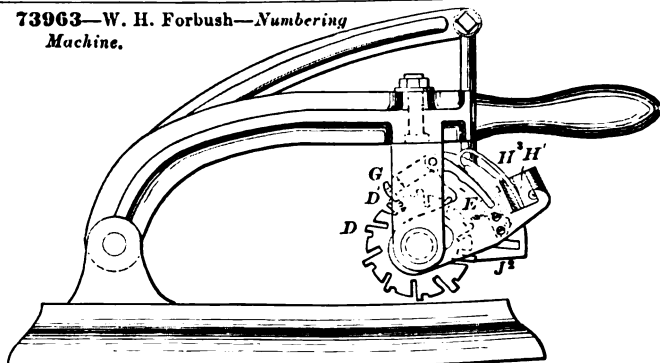
73977—J. Jacobs—Collar Block



73962—Continued.



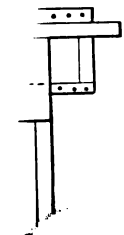
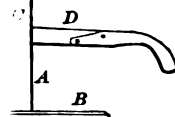
73966—R. Frisbie—Toy Gun.

73968—W. Fry—Weeding
Instrument for Slates.73963—W. H. Forbush—Numbering
Machine.

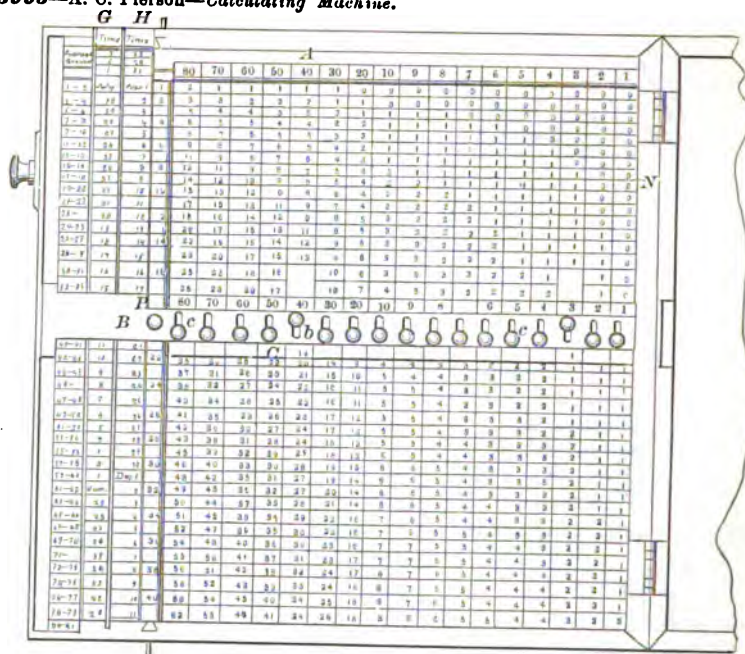
73969—S. P. Gilbert—Pump Piston



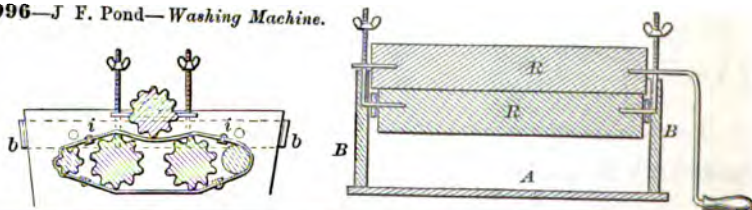
woodrum—Pa
nsic Leaves.

73988—J. W. Milroy—*Corn and Cotton Cultivator.*73989—O. B. Moore—*Fruit Picker.*Paine—*Carriage Jack.*

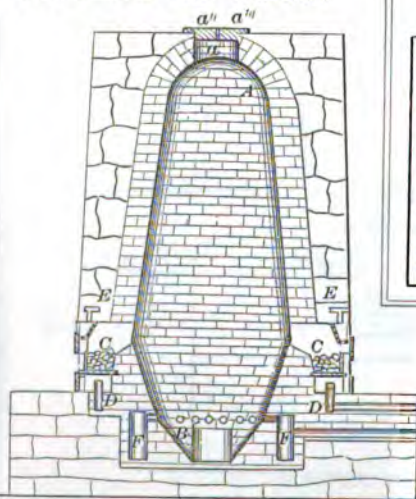
73995—A. C. Pierson—*Calculating Machine.*



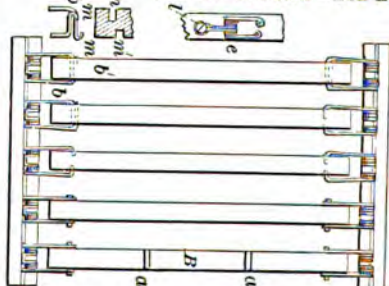
73996—J F. Pond—*Washing Machine.*



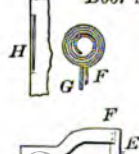
73998—W. W. Potts—*Lime Kiln.*



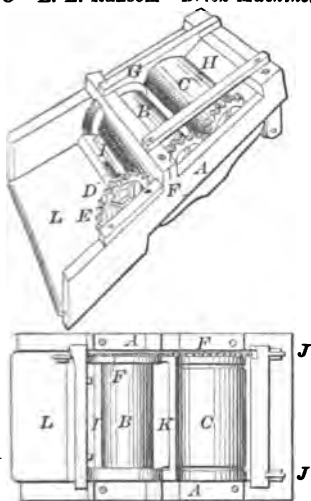
73997—J. Potter—*Bed Bottom.*



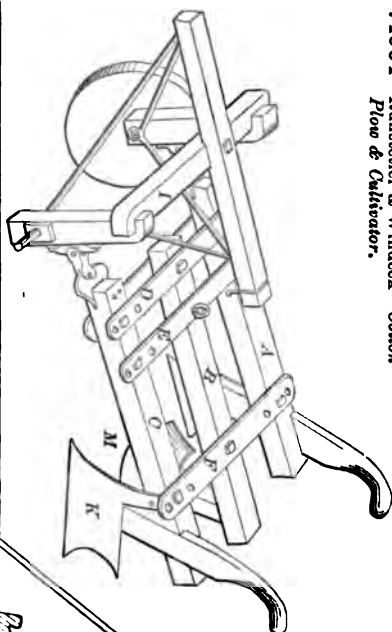
73999—L. C. Prindle—
Door Spring



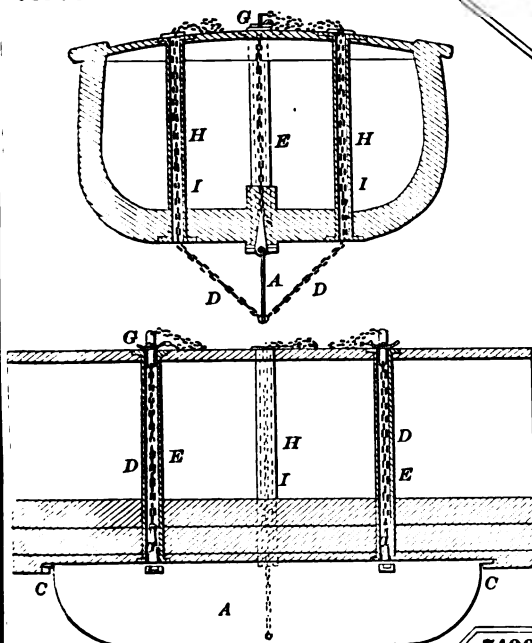
74000—L. E. Ransom—Brick Machine.



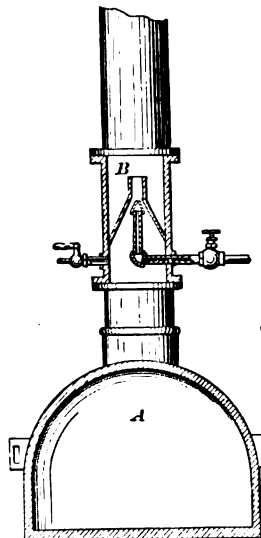
74004—Runstetter & Windeck—Cotton Plow & Cultivator.



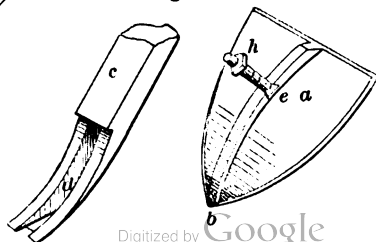
74003—D. Robertson—Vessel Centre Board.



74001—J. T. Rich—For Generating Gases, &c.



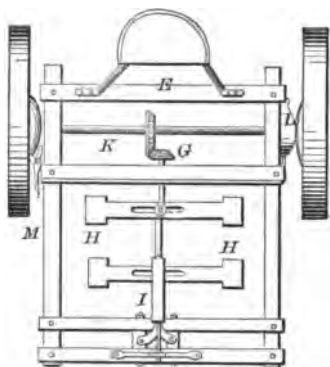
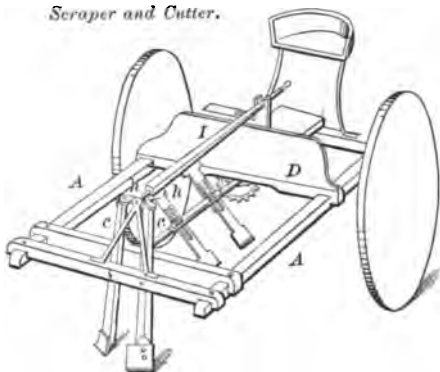
74005—L. Rogers—Cultivator Teeth.



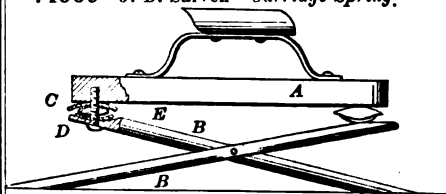
74002—Rinehart & Phillips—For Preventing Hogs from Rooting.



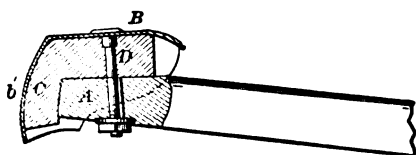
**74006—Runstetler & Windeck—Cotton
Scraper and Cutter.**



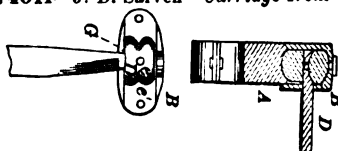
74009—J. D. Sarven—Carriage Spring.



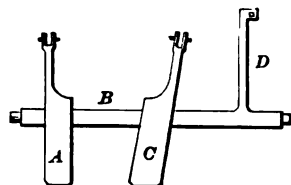
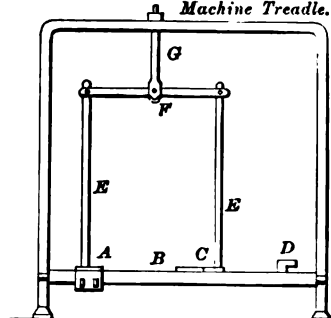
74010—J. D. Sarven—Carriage Spring.



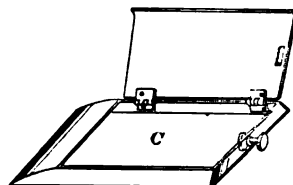
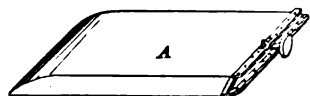
74011—J. D. Sarven—Carriage Iron.



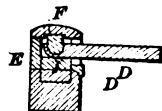
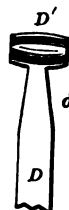
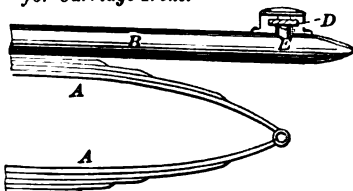
**74007—Rutter & Hunt—Sewing
Machine Treadle.**



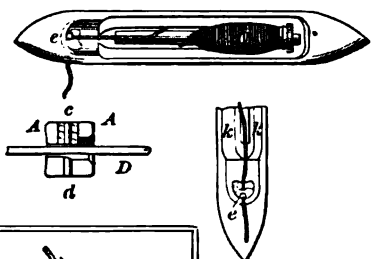
74008—C. Sanborn—Safety Pocket.



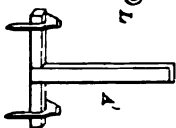
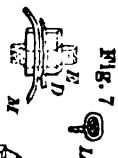
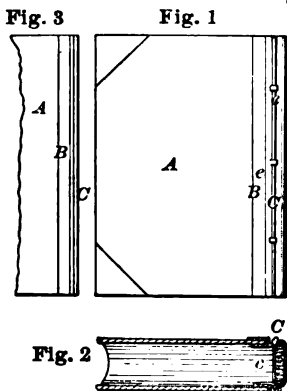
**74012—J. D. Sarven—Elastic Bearing
for Carriage Irons.**



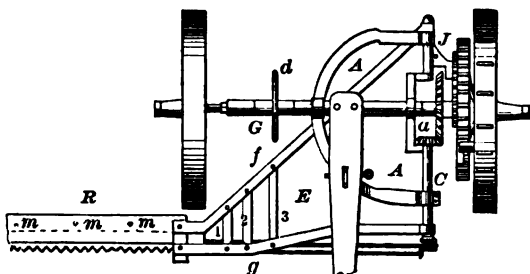
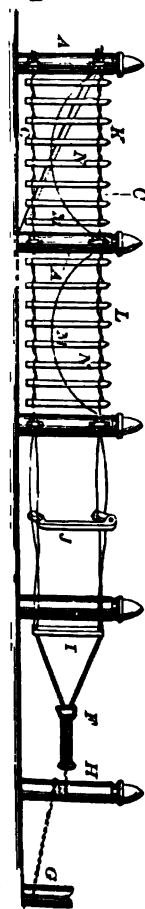
74013—J. Scofield—Loom Shuttle.



74014—H. M. Shute—Book Binding.

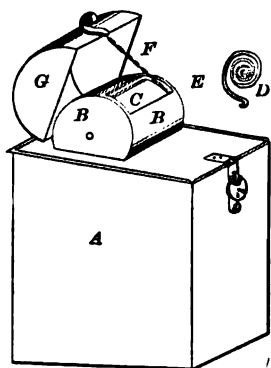
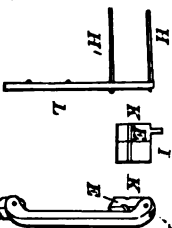
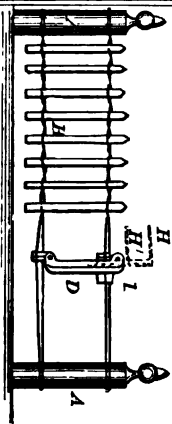


74017—A. Todd, Jr.—Fence.



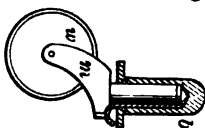
74016—J. W. Thompson—Harvester.

74018—A. Todd, Jr.—Fence.

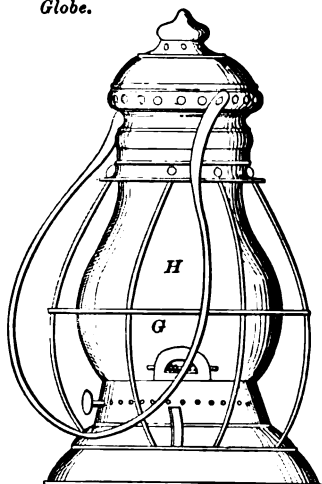


74015—J. W. & J. D. Smith—Letter Box.

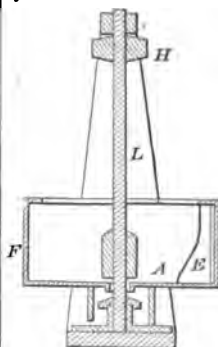
74019—A. C. Twining—Caster.



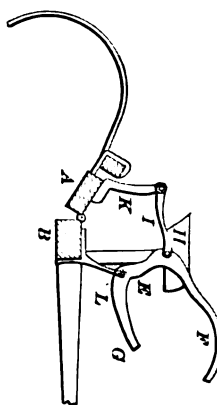
74020—W. Westlake—Lantern Globe.



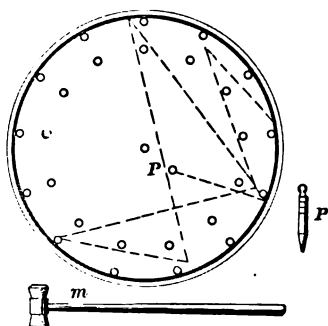
74021—D. M. Weston—For Separating Liquids from Paints.



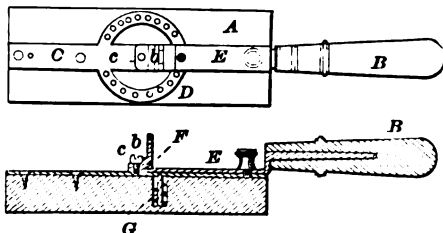
74023—J. R. Whittemore—Horse Hook.



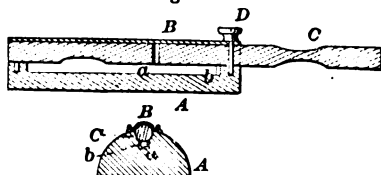
74022—J. E. Wheat—Letter Game.



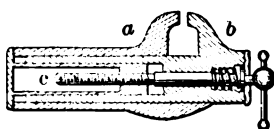
74026—A. A. Young—Brush Stock and Handle.



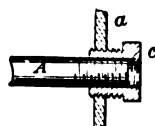
74027—A. A. Young—Brush Stock and Handle.



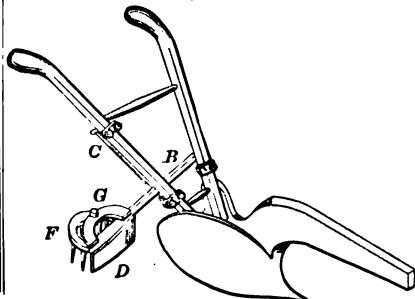
74025—L. Yale, Jr.—Vise



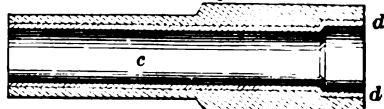
74028—J. U. Adams—Boiler Tube Ferrule.



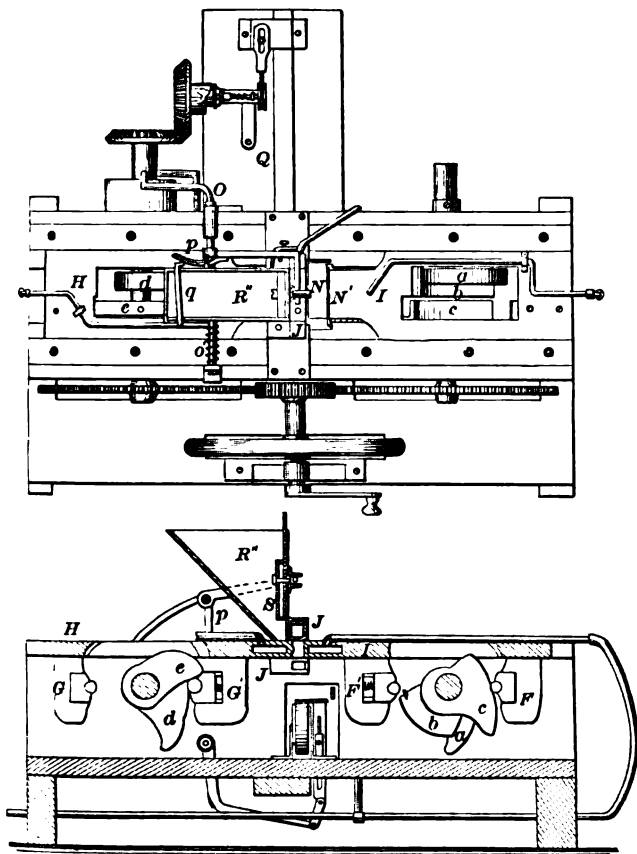
74024—P. Wonsey—Plow and Harrow.



74029—A. H. Ahlborn—Securing Box Metal in Carriage Hubs.



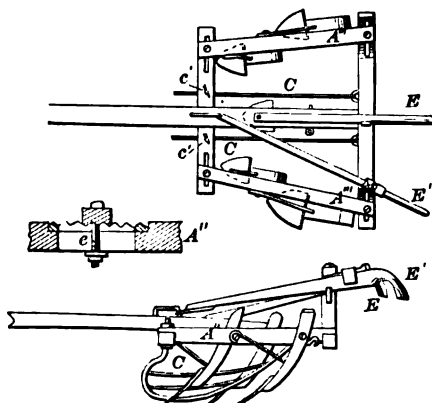
74030—J. Armstrong—Brick Machine.



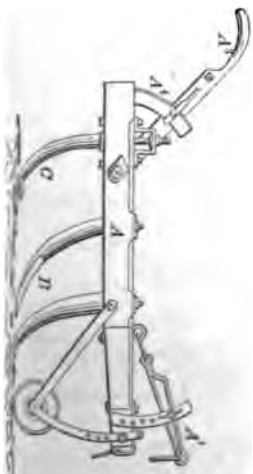
74033—A. Asmann—Lamp Lighter.



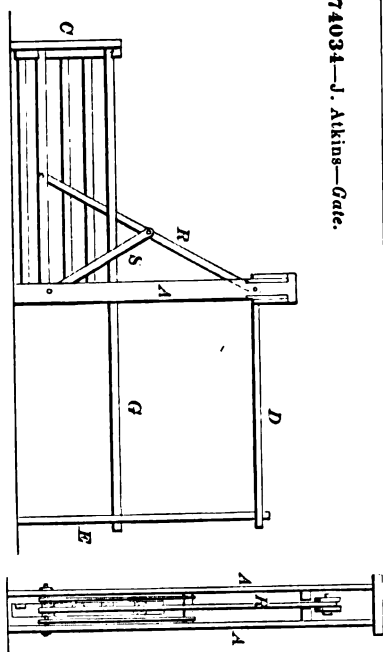
74032—J. B. Arthur—Corn Plow and Cultivator.



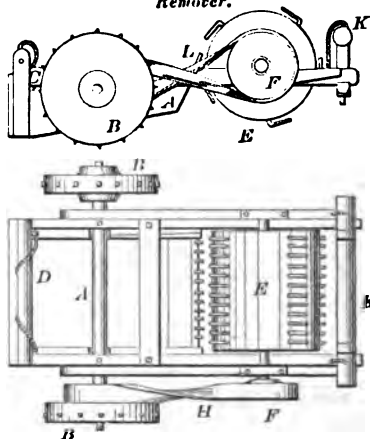
74031—Arnold & Grimm—Cultivator.



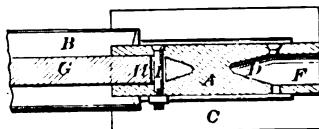
74034—J. Atkins—Gate.



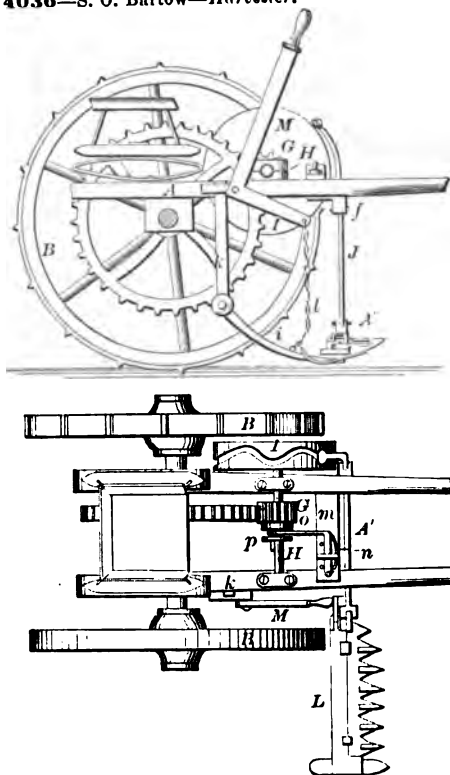
74035—E. Babcock—Harrow and Stone Remover.



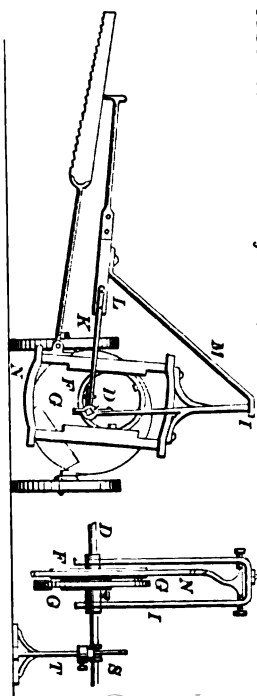
74037—L. Behymer—Railway Joint.



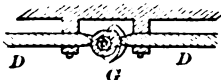
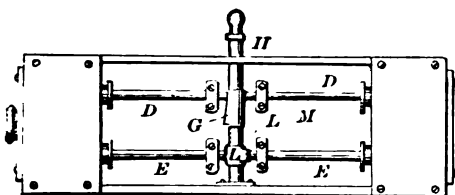
74036—S. O. Bartow—Harvester.



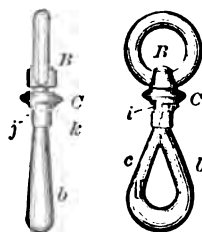
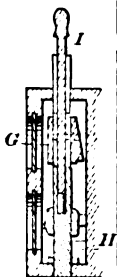
74038—G. W. Bell—Steering Machine.



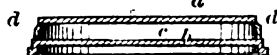
74039—E. H. Bellows—*Steam Engine.*



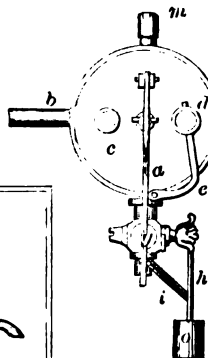
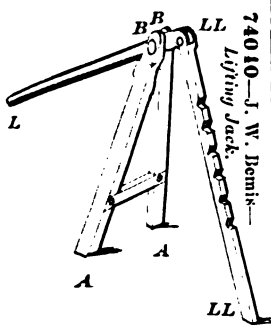
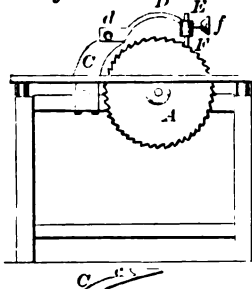
74043—
E. F. Brundage—
Safety Hook.



74041—B. D. Bingham—
Watch.

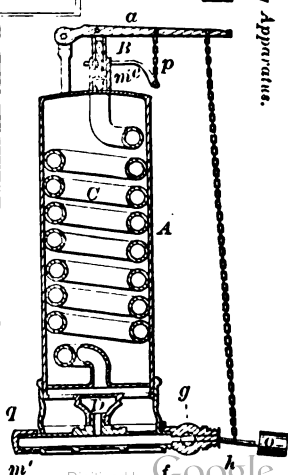
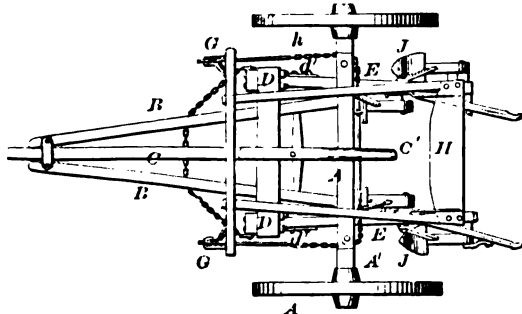
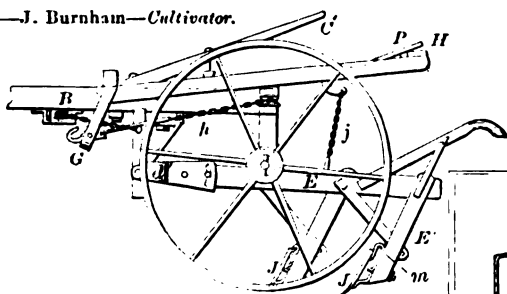


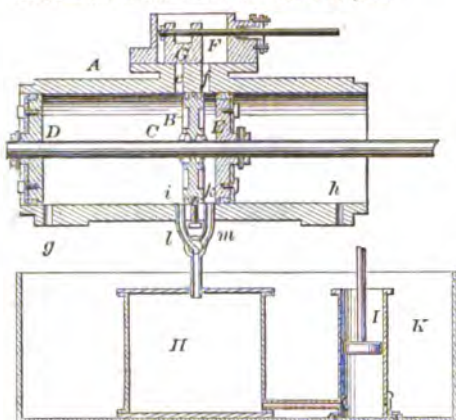
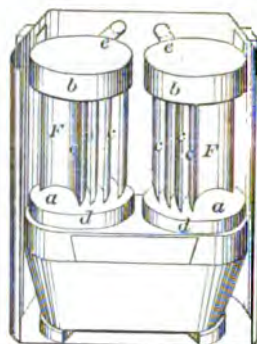
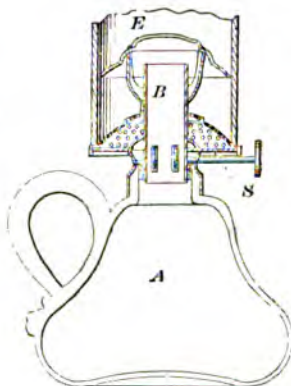
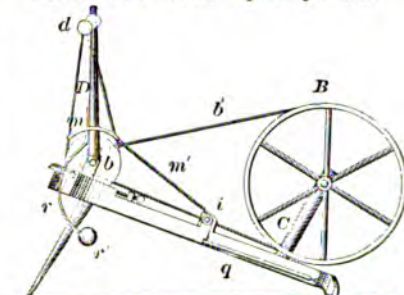
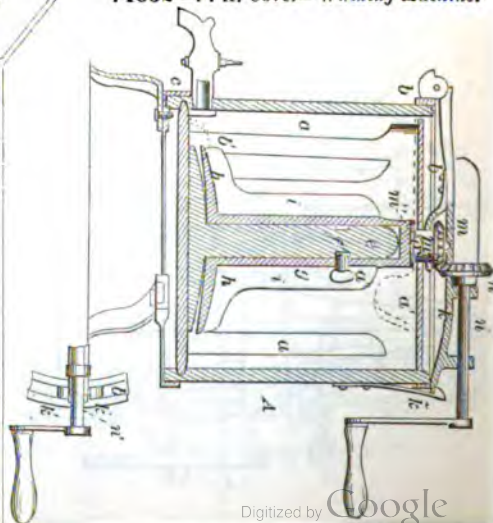
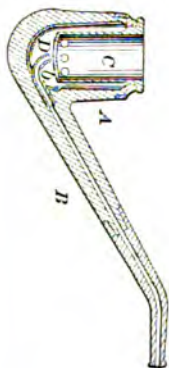
74042—C. D. Blakeslee—
Sawing Machine.

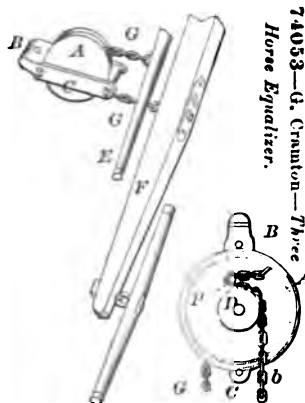


74045—J. Chambers—*Steam Heating Apparatus.*

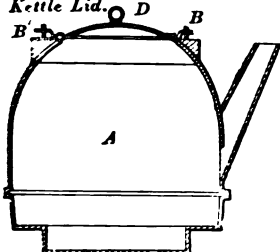
74044—J. Burnham—*Cultivator.*



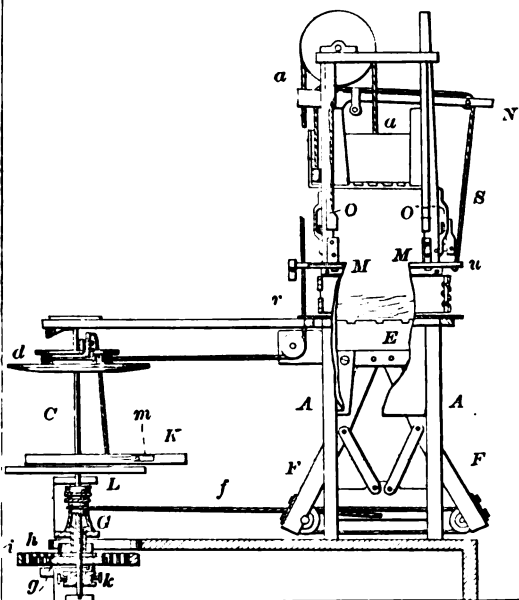
74046—W. T. Chamberlain—*Steam Engine.*74051—N. E. Cornwall—*Heating Furnace.*74048—W. H. Clark—*Brush.*74049—M. H. Collins—*Lamp.*74017—S. W. Clark—*Spinning Wheel.*74052—F. H. Covel—*Washing Machine.*74050—J. Cook—*Tobacco Pipe.*



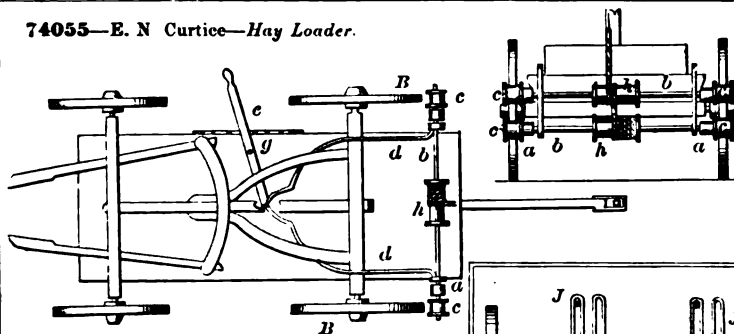
74057—I. De Haven—*Tea Kettle Lid.*



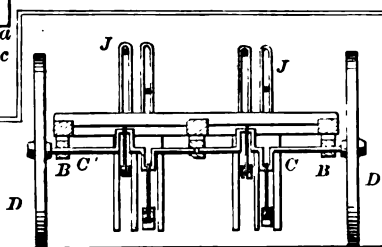
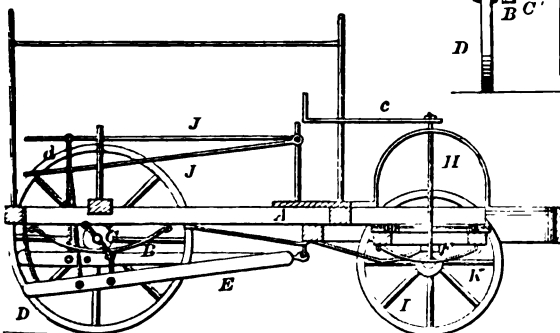
74054—G. W. D. Culp—*Hay Press.*



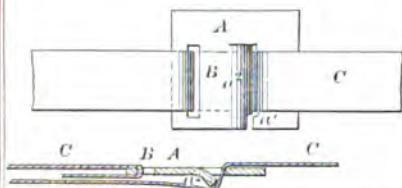
74055—E. N. Curtice—*Hay Loader.*



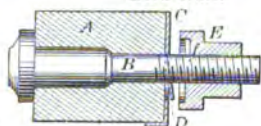
74058—L. Derozier—*Velocipede.*



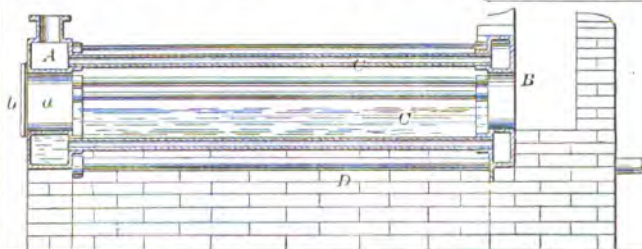
74059—J. B. Dunn—Cotton Bale Tie.



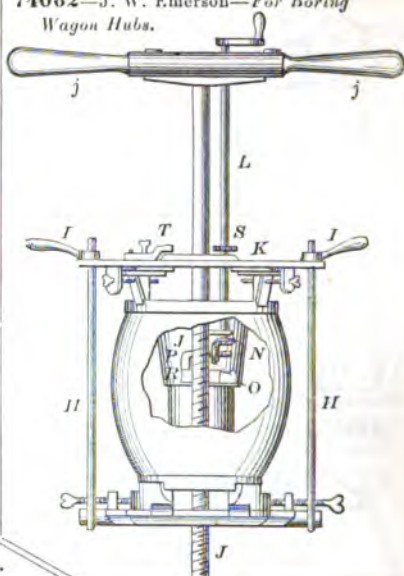
74060—Elliott & Seely—Washer for Lock Nuts.



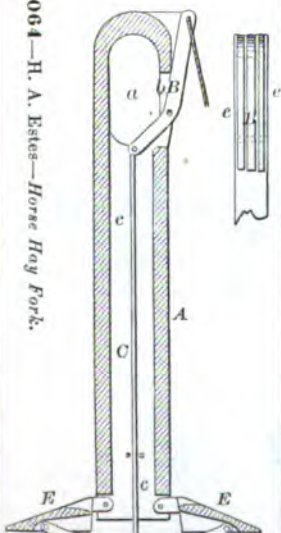
74061—J. Ellis—Boiler for Heating Water.



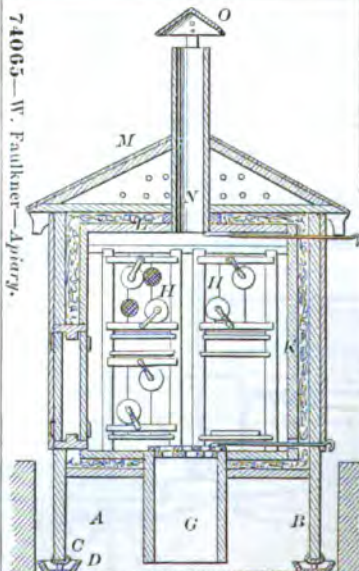
74062—J. W. Emerson—For Boring Wagon Hubs.



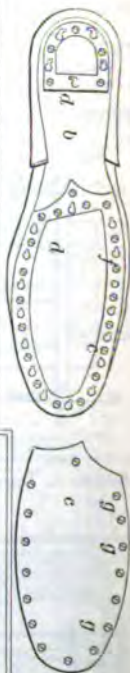
74064—H. A. Estes—Horse Hay Fork.



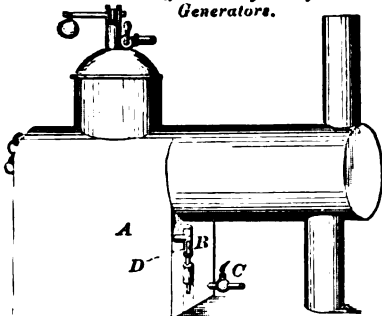
74065—W. Faulkner—Apertory.



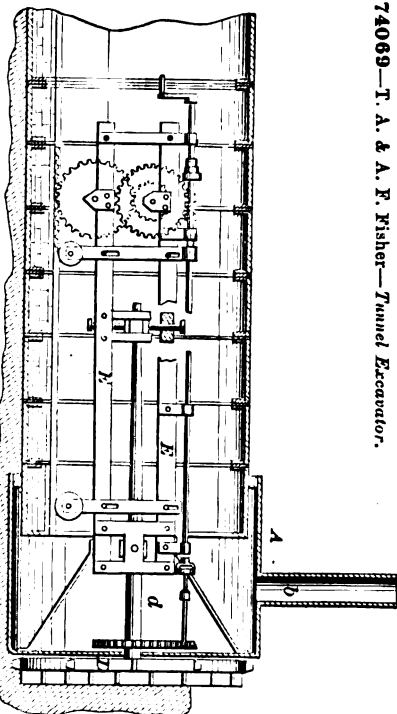
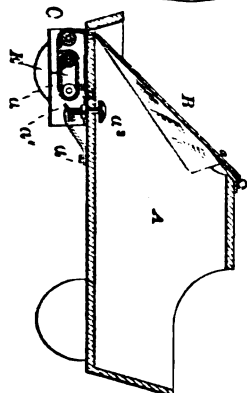
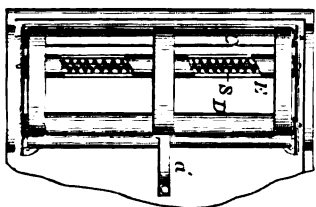
74066—L. A. Fawcett—For Soling Shoes.



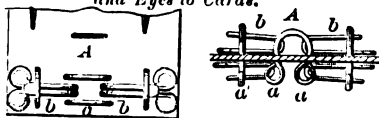
74067—E. Ferguson—*Injector for Steam Generators.*



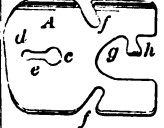
74069—T. A. & A. F. Risher—Tunnel Excavator.

74071—M. M. Follert—*Boat Attachment to Carriages*

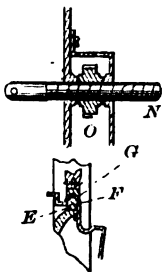
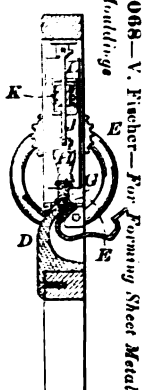
74072—J. D. Franklin—*Securing Hooks and Eyes to Cards.*



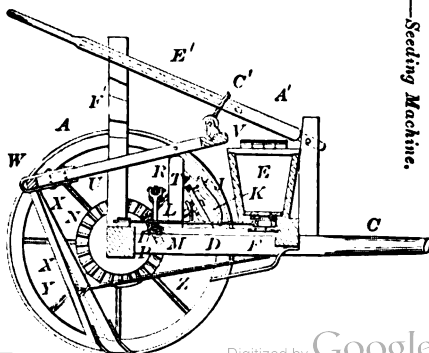
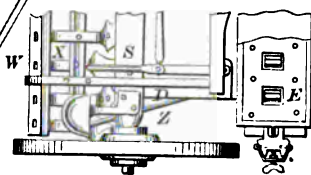
74070—
A. C. Fletcher—
Cotton Bule Tie.

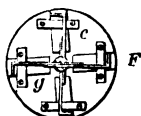
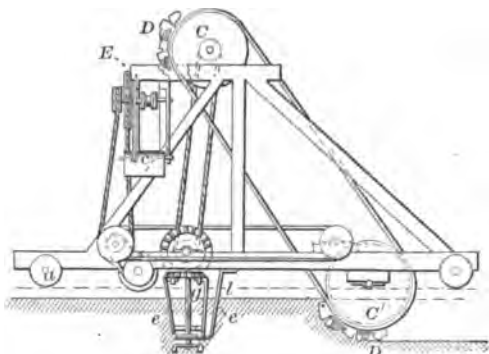
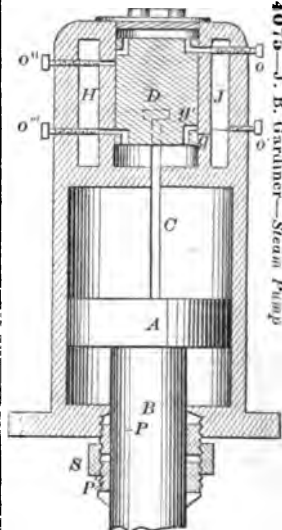
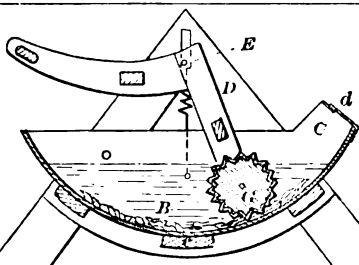
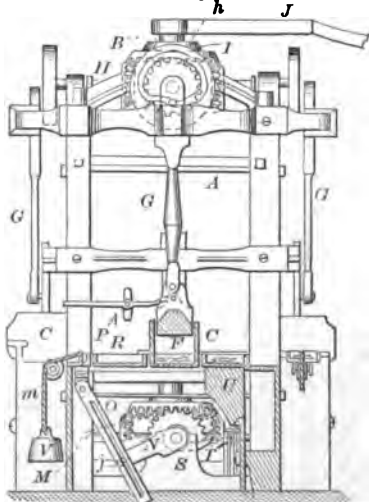
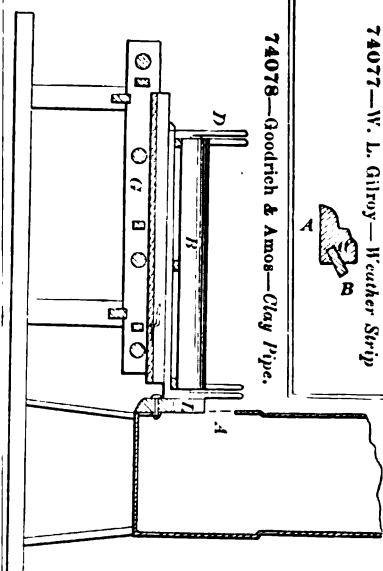
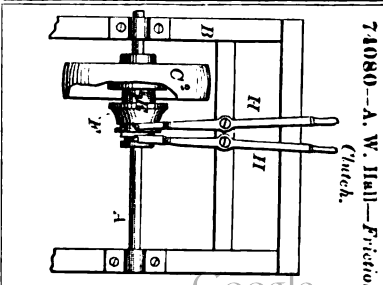
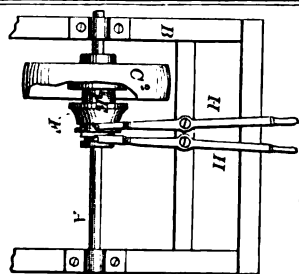


74068—V. Fischer—For Forming Sheet Metal Mouldings

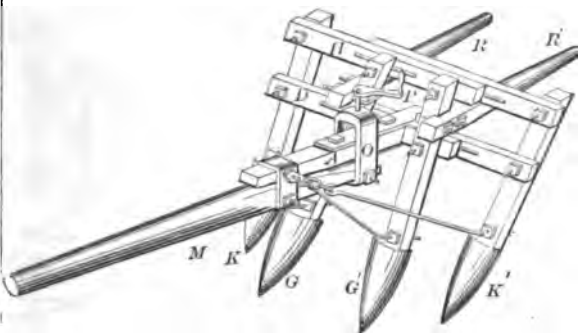


74073--O. Fry, Jr.--Seeding Machine.

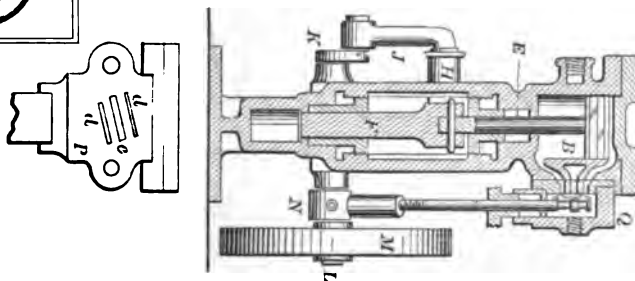


74074—A. A. Fuselier—Ditching Machine.**74075—J. B. Gardiner—Steam Pump.****74076—H. Garrett—Butter Worker.****74079—Green & Phillips—Brick Machine.****74077—W. L. Gilroy—Weather Strip.****74078—Goodrich & Ames—Clay Pipe.****74080—A. W. Hall—Friction Clutch.**

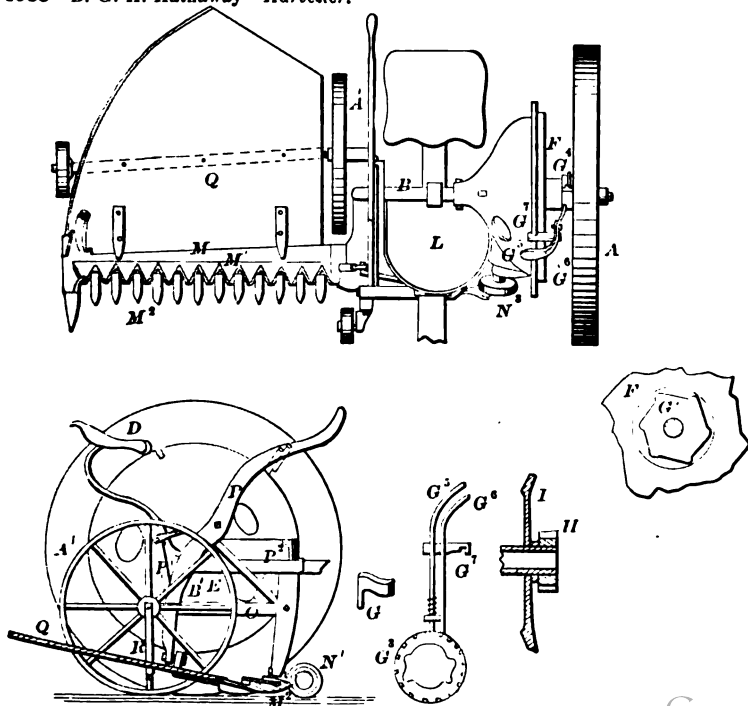
74082—J. R. Hand—Cultivator.



74084—W. Harsen—Steam Pump.



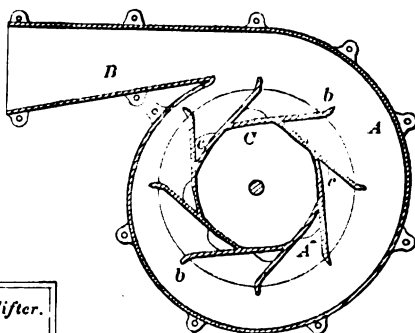
74085—B. G. H. Hathaway—Harvester.



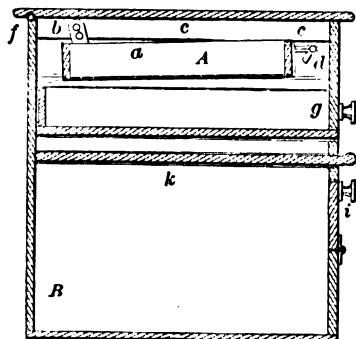
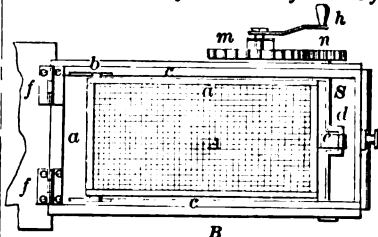
74086—A. S. Haven—*For Leading Cattle.*



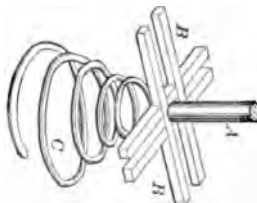
74089—W. J. Hoffman—*Water Wheel.*



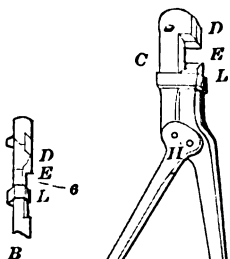
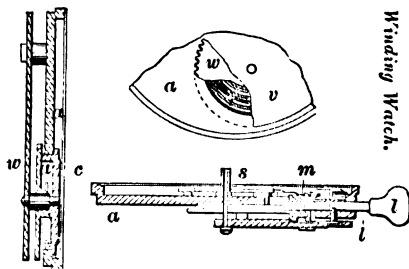
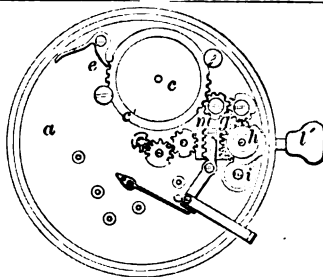
74091—F. A. Hoyt—*Flour Sift and Sifter.*



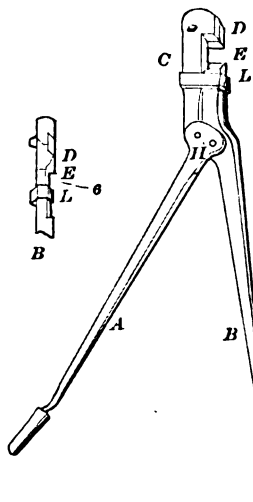
74088—P. Hill—*Chair.*



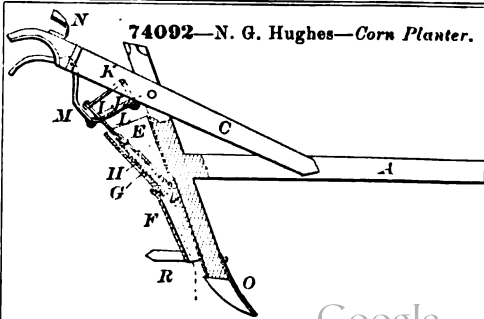
74090—E. Howard—*Stem Winding Watch.*



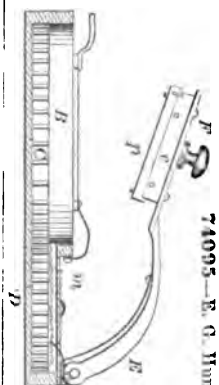
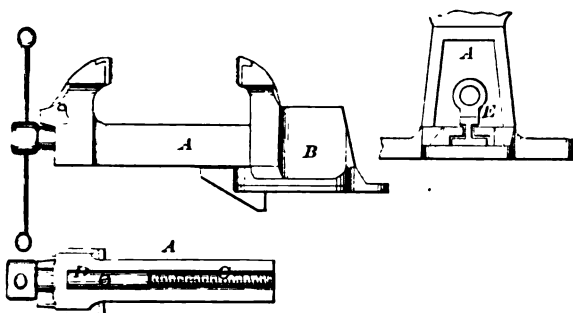
74087—Henry & Reist—*Bolt and Rivet Cutter.*



74092—N. G. Hughes—*Corn Planter.*

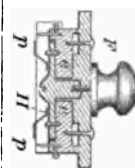
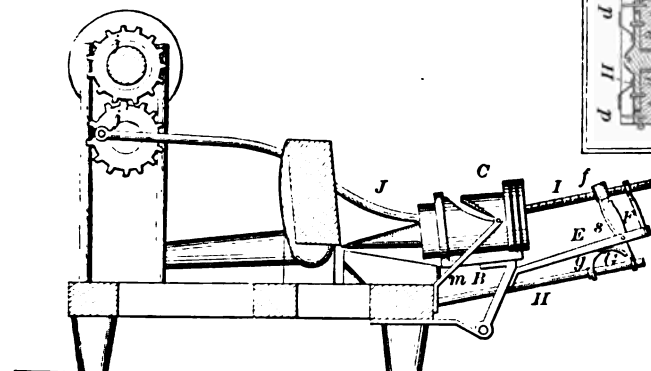


74093—T. H. Humphreys—Vise.

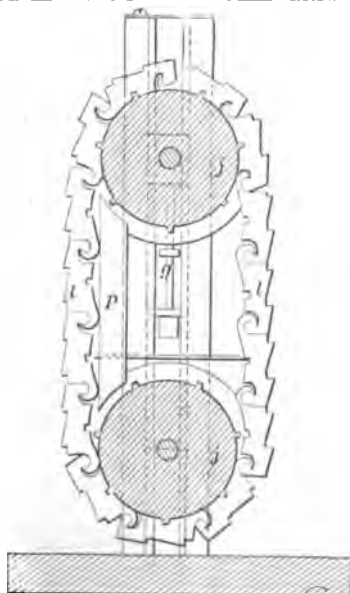


74095—E. A. Hunt—For Cutting Cards.

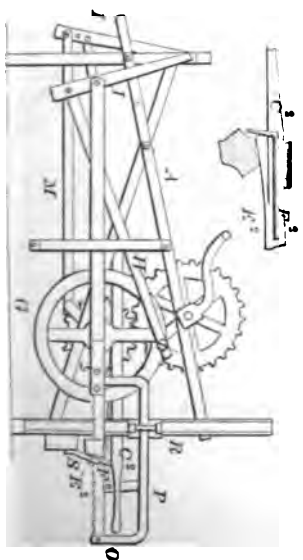
74094—C. D. Hunt—Nail Plate Feeder.

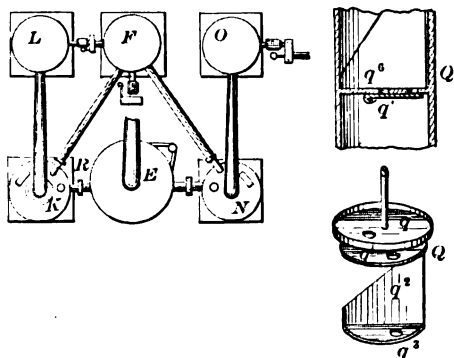
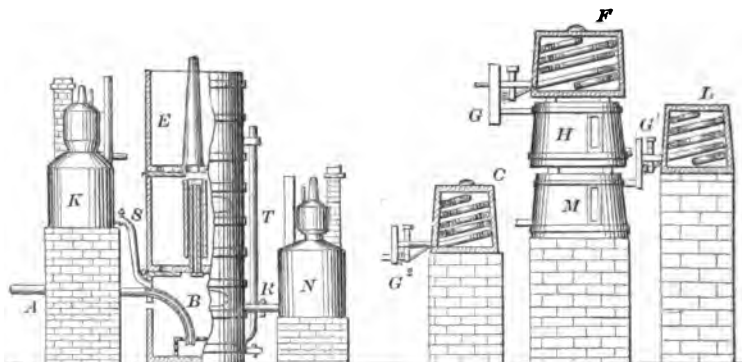
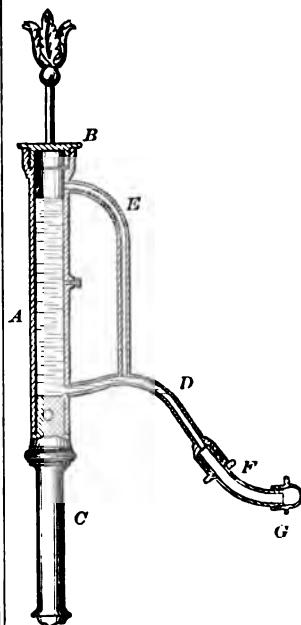
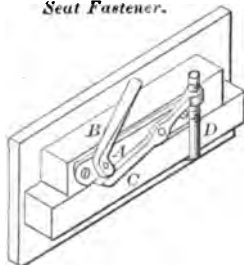
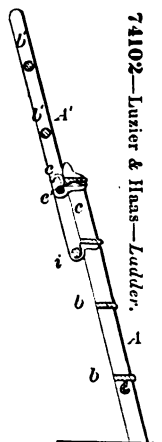
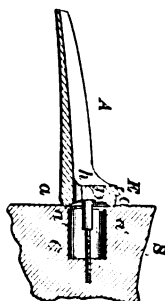
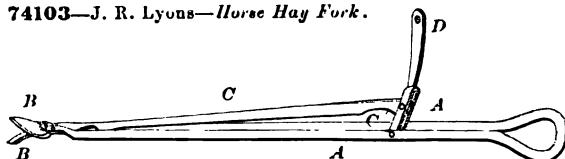


74097—De L. Kennedy—Chain Saw

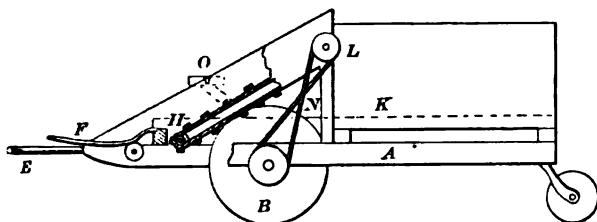


74096—L. B. Jones—Sawing Machine.



74098—H. H. Kirk—Distillery.**74099—W. A. Lawton—
Gas Torch.****74100—E. C. Lewis—
Seat Fastener.****74102—Lurier & Hans—Ladder.****74101—R. F. Livermore—Sag Spout.****74103—J. R. Lyons—Horse Hay Fork.**

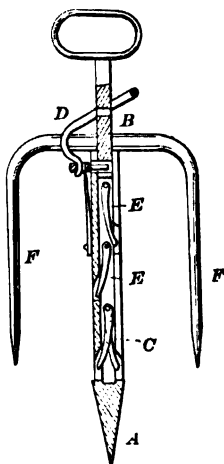
74104—J. Mains—Corn Harvester.



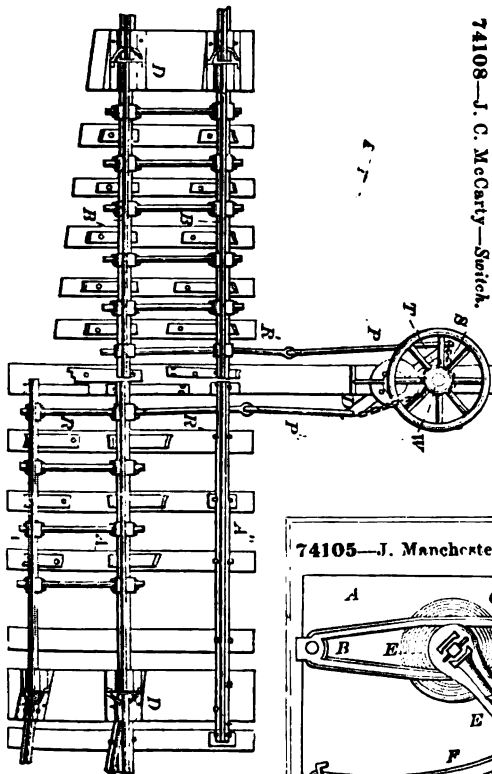
74109—J. K. McDonald—
Eye Glass.



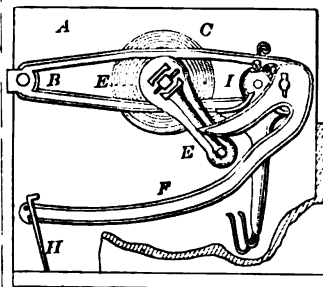
74106—L. S. Mason—Horse Hay Fork.



74108—J. C. McCarty—Switch.



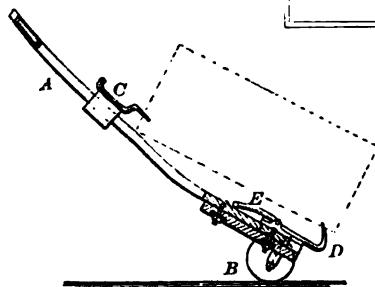
74105—J. Manchester—Animal Trap.



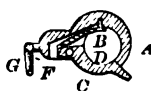
74110—H. G. McGonegal—Pavement.

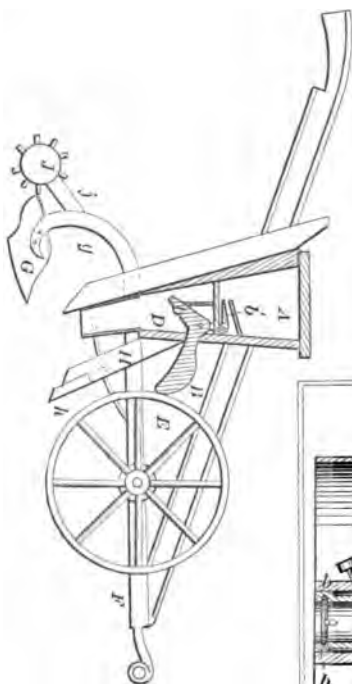
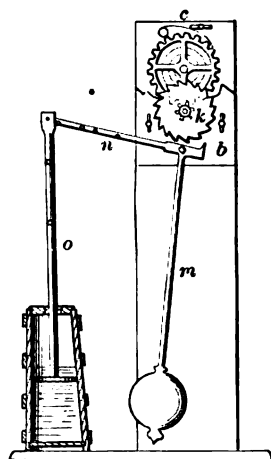
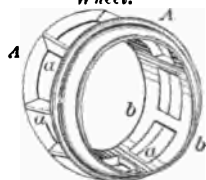
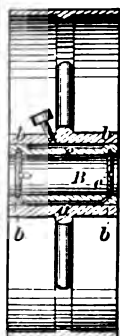
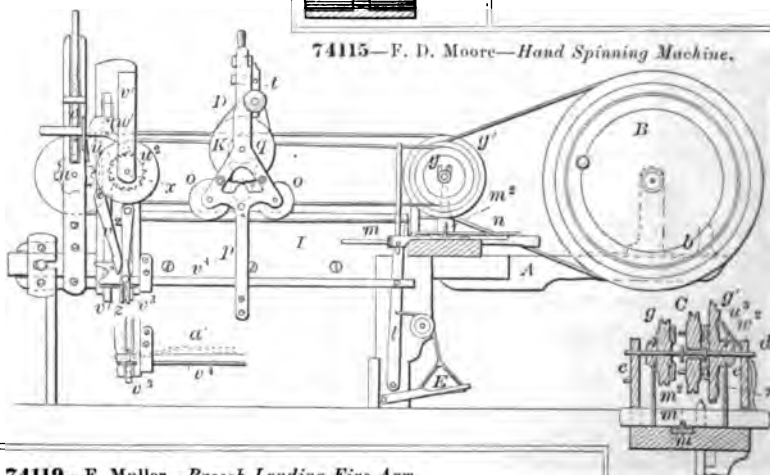
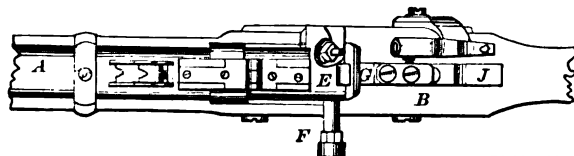


74107—W. May—Truck.

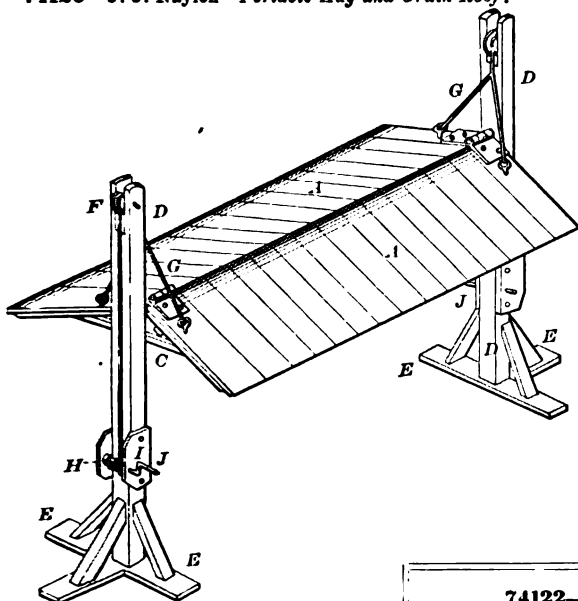


74111—J. McKibben—
Snap Hook.



74112—W. McLucas—*Corn Planter.*74114—J. H. Monce—*For Working Churns.*74117—W. F. Morton—*Carriage Wheel.*74116—Morris & McCreary—*Lubricator for Loose Pulleys.*74115—F. D. Moore—*Hand Spinning Machine.*74119—F. Muller—*Breech Loading Fire Arm.*

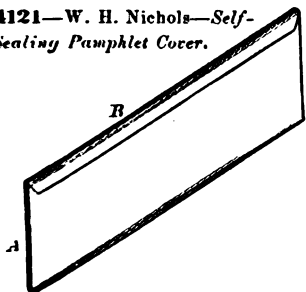
74120—J. J. Naylon—*Portable Hay and Grain Roof.*



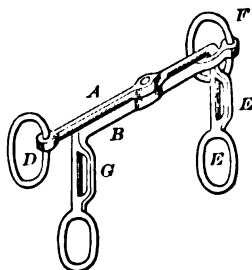
74123—J. W. Patterson—*Culinary Vessel.*



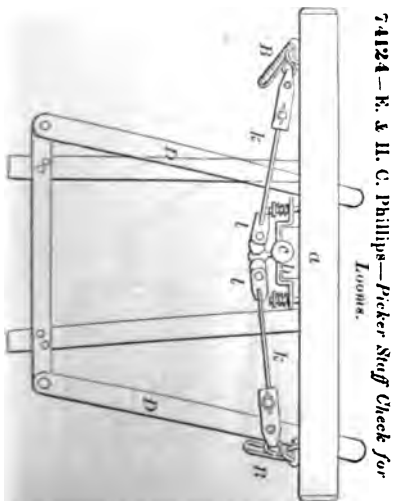
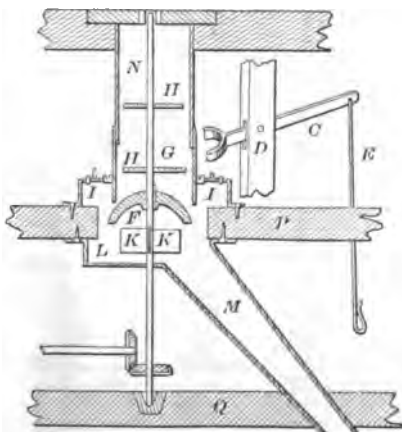
74121—W. H. Nichols—*Self-Sealing Pamphlet Cover.*



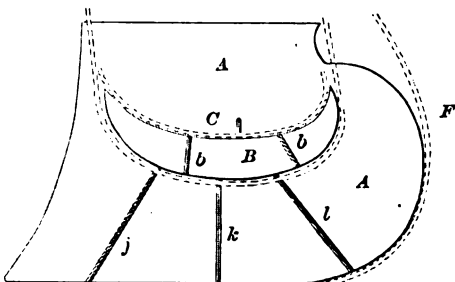
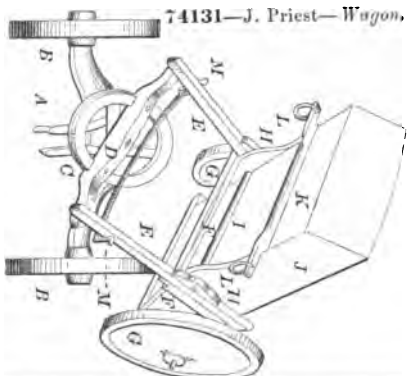
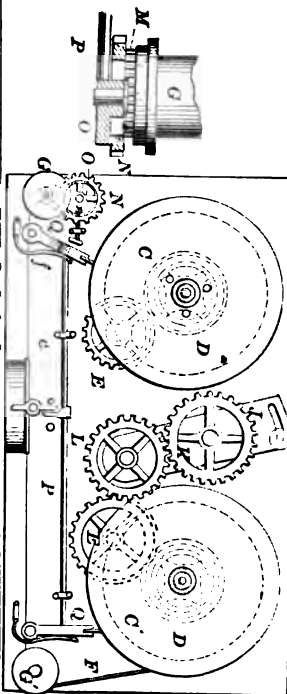
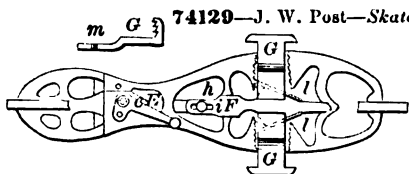
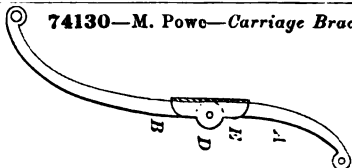
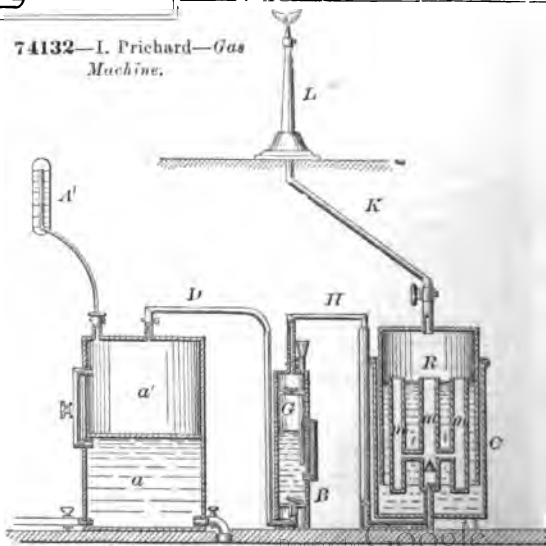
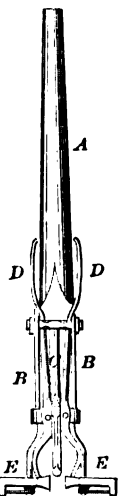
74122—J. K. Norton—*Bridle Bit.*



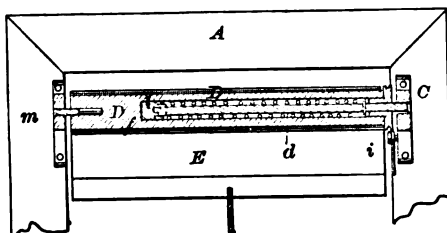
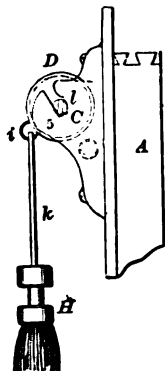
74125—W. Pickens—*Bolt Freeder and Cooler.*



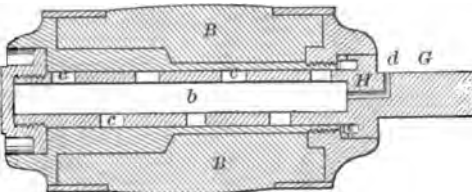
74124—E. & H. C. Phillips—*Picker Stuff Check for Looms.*

74126—D. Pierce—*Pattern for Drafting Sleigh Bodies.*74131—J. Priest—*Wagon.*74127—A. & M. Pirz—*Station Indicator.*74129—J. W. Post—*Skate.*74130—M. Powe—*Carriage Brace*74132—L. Pritchard—*Gas Machine.*74128—Portlock & Smith—*Floor Clamp.*

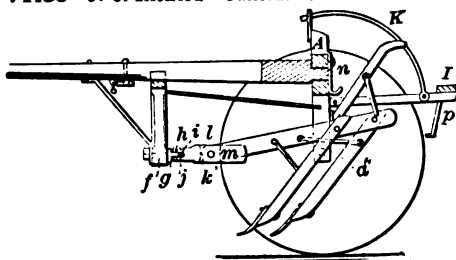
74135—S. S. Putnam—*Curtain Fixture.*



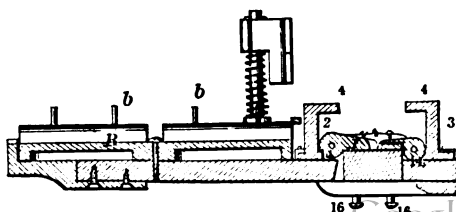
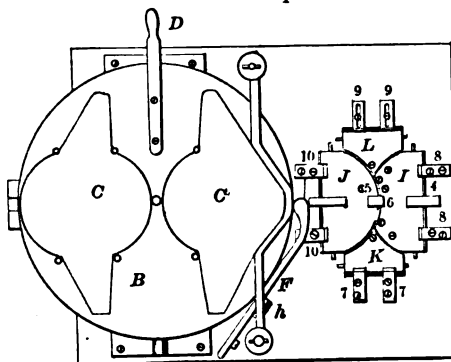
74134—S. S. Putnam—*Self-Lubricating Axle.*



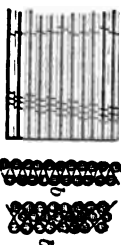
74138—J. C. Rickerd—*Cultivator.*



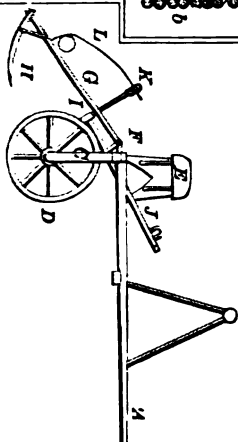
74140—A. A. Rheutan—*Envelope Machine.*



74133—H. F. Putnam—*Connecting Pump Rods.*

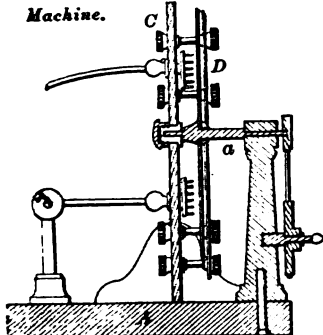


74137—E. F. Riethman—*Woven Fabric.*

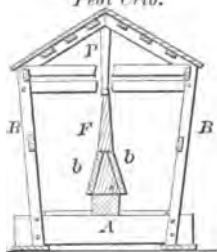


74136—O. E. Randall—*Horse Rake.*

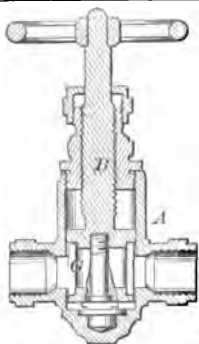
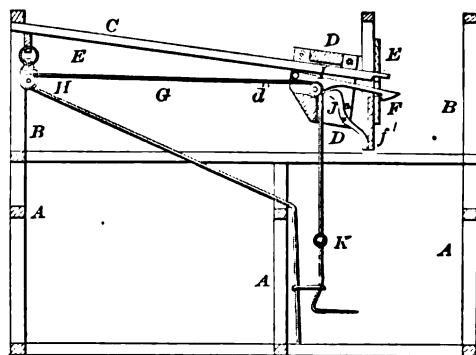
74139—E. S. Ritchie—*Electrical Machine.*



74141—M. S. Roberts—
Peot Crib.

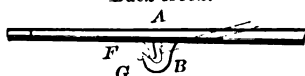


74142—G. M. Robinson—For Operating Horse Hay Forks.

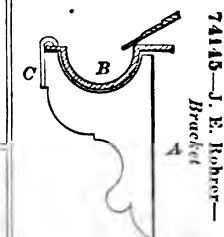
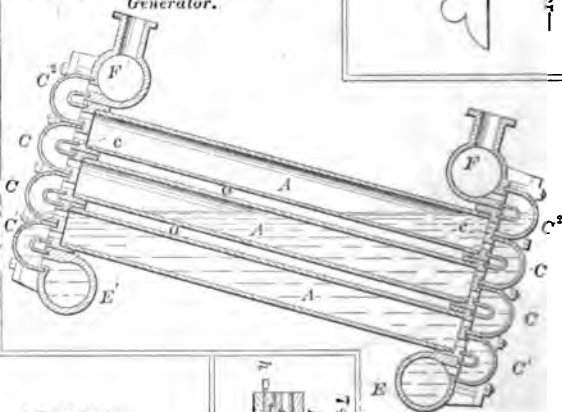


74144—E. A. Rock—Globe Steam Valve.

74143—N. W. Robinson—Hold-Back Hook.

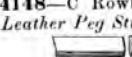


74146—J. B. Root—Steam Generator.

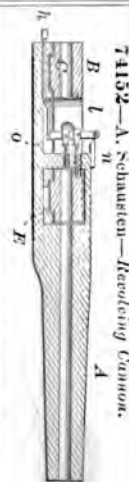
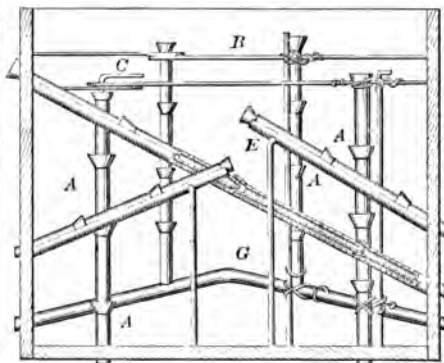


74145—J. E. Roberts—Bracket

74148—C Rowland—Leather Peg Strip.

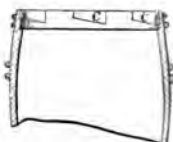


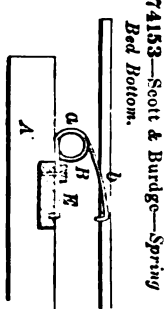
74149—J. Royal—Drying and Ventilating Apparatus.



74152—A. Schustert—Reeking Cannon.

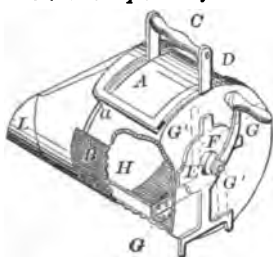
74150—H. D. Ramsey—Barrel and Firkin.



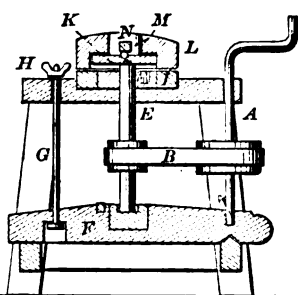


74153—Scott & Burdge—Spring Bed Bottom.

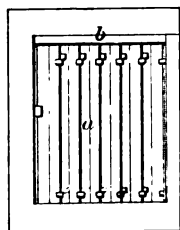
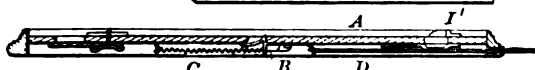
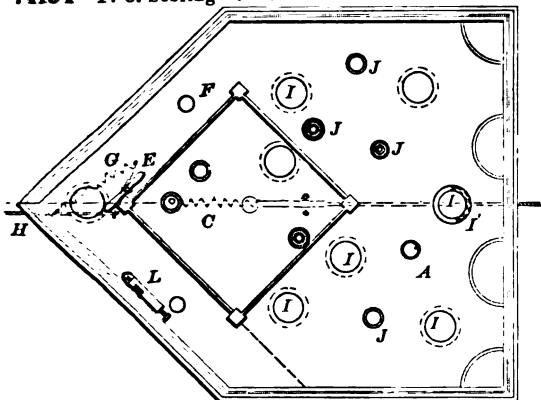
74157—G. W. & C. L. Sherman—Flour Scoop and Sifter.



74161—J. Snyder—Grinding Mill.



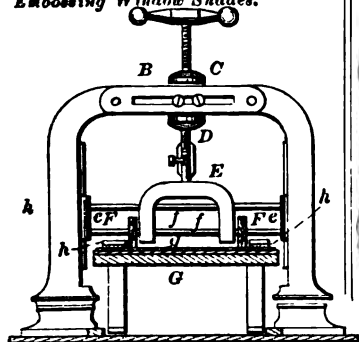
74154—F. C. Sebring—Parlor Base Ball.



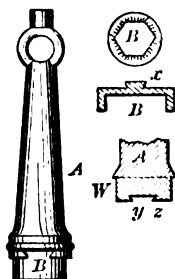
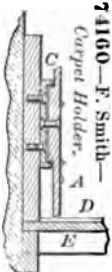
74155—S. J. Seely—Metal Shutter.



74159—Slaughter & Hundt—For Embossing Window Shades.

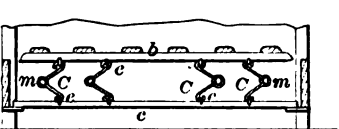


74160—F. Smith—Carpenter Holder.

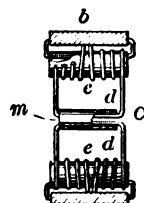
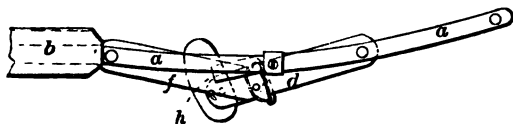


74156—J. M. Seymour—Wrench.

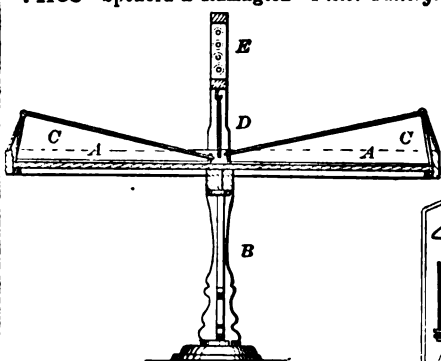
74162—S. L. Southard—Bed Bottom



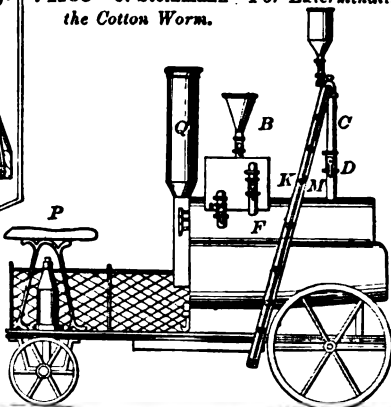
74158—J. A. Sherman—Truss.



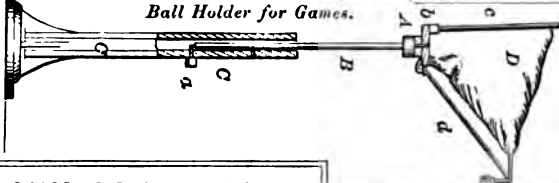
74163—Spofford & Raffington—Pistol Gallery.



74165—C. Steinmann—For Exterminating the Cotton Worm.



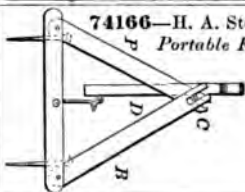
74164—Spofford & Raffington—Adjustable Ball Holder for Games.



74168—J. B. Stoner—Life Preserving Apparatus.



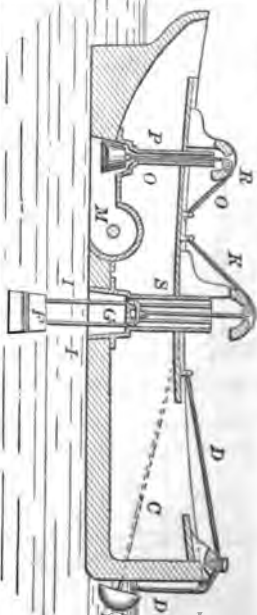
74166—H. A. Stewart—Portable Fence.



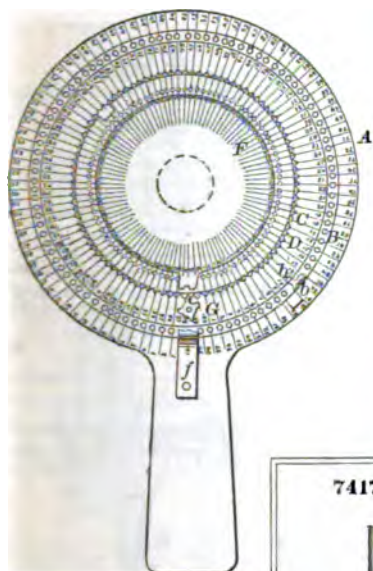
74167—J. Stone—Box Opener.



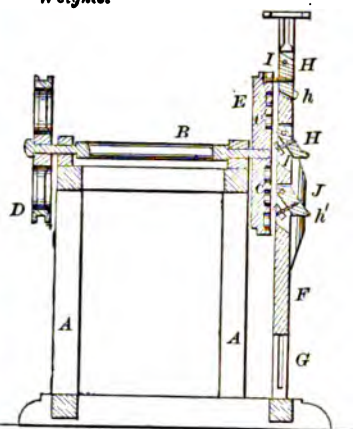
74169—J. B. Stoner—Inflating Vessels.



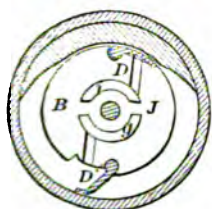
74170—T. T. Strod—*Calculating Machine.*



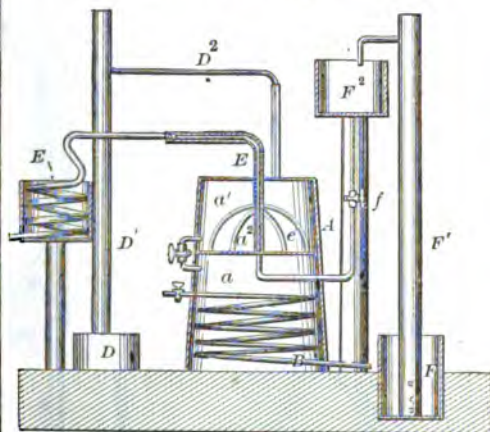
74173—S. E. Tuttle—*For Raising Heavy Weights.*



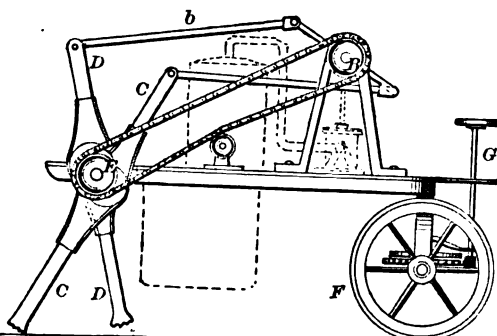
74172—C. B. Turner—*Rotary Steam Engine.*



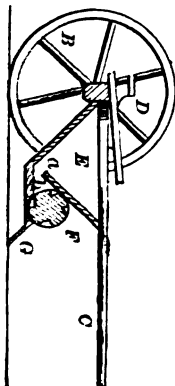
74174—R. L. Vance—*Vinegar Still.*

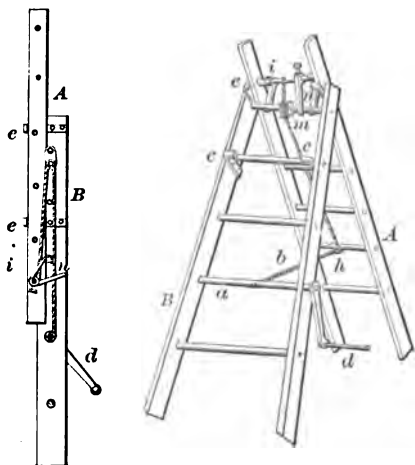
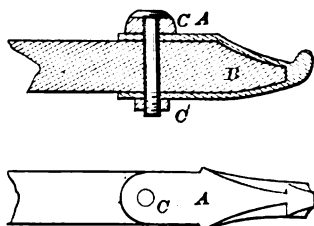
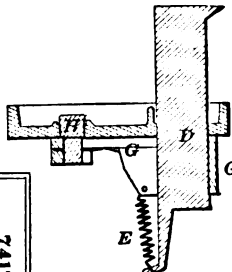
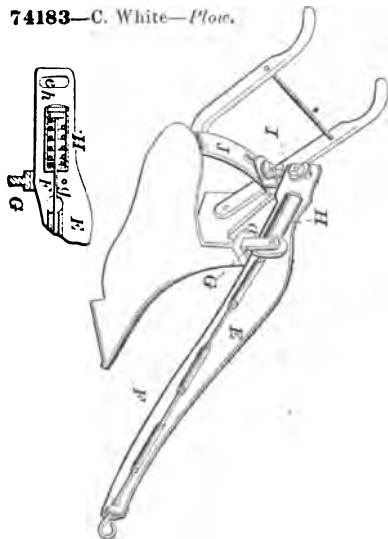
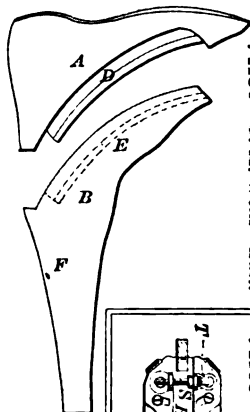
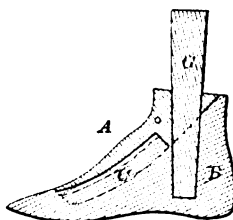
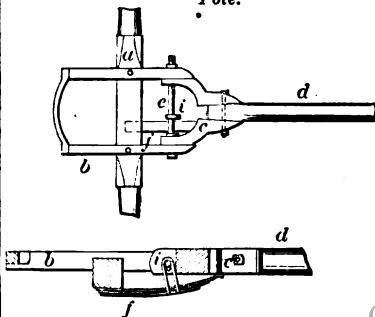
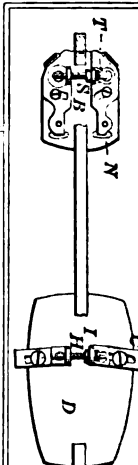


74176—R. C. Vernol—*Walking Vehicle.*

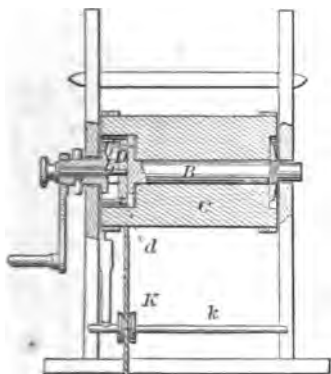


74171—S. Thomson—*Broadcast Seeding Machine.*

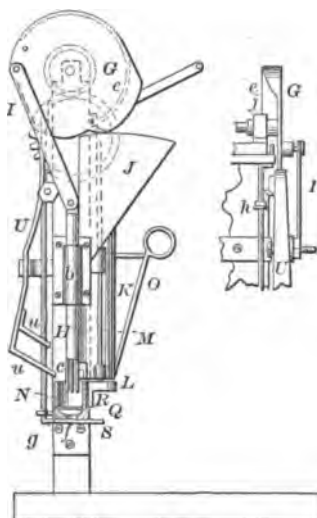


74177—G. S. Walker—*Step Ladder.*74178—Warburton & Bendir—*Spring Bar for Carriages.*74182—C. H. Weston—*Bench Hook.*74183—C. White—*Pole.*74179—C. M. H. Warren—*Pen Holder.*74180—G. M. Wells—*Last.*74181—G. M. Wells—*Last.*74184—S. B. Whitney—*Carriage Draft Pole.*74185—A. Woodham—*Slate Fastening.*

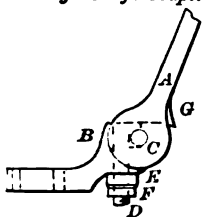
74186—C. F. Woodruff—Water Elevator.



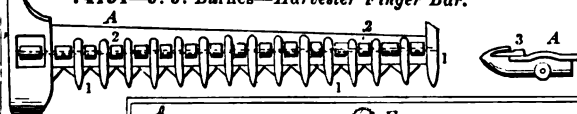
74187—R. Wright—Cherry Stoner.



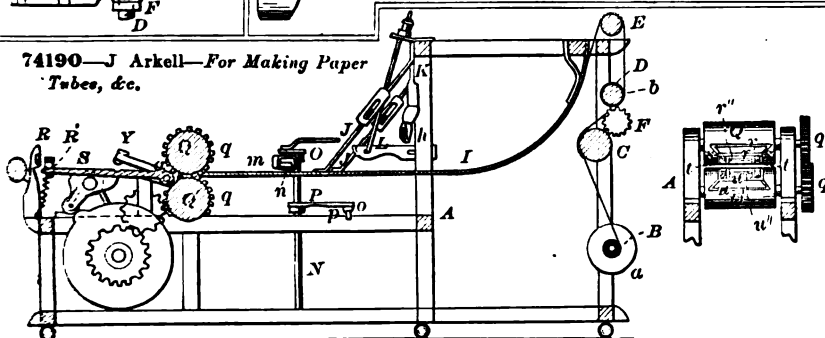
74189—E. A. Harvey—Carriage Shaft Coupling.



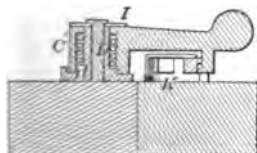
74191—J. J. Barnes—Harvester Finger Bar.



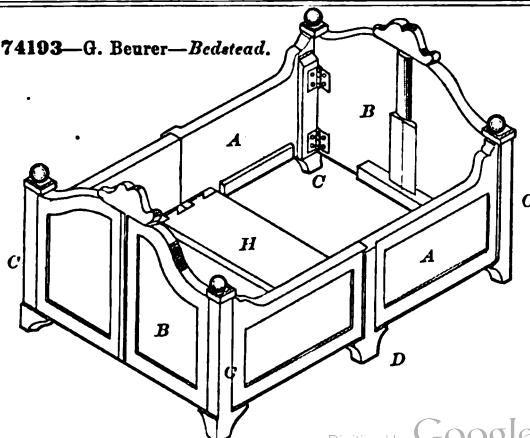
74190—J. Arkell—For Making Paper Tubes, &c.



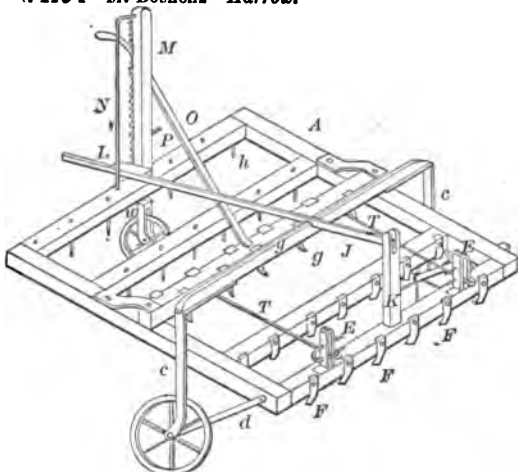
74192—R. Bates—Window Sash Fastener.



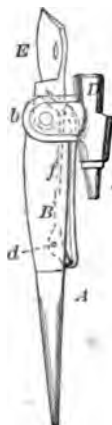
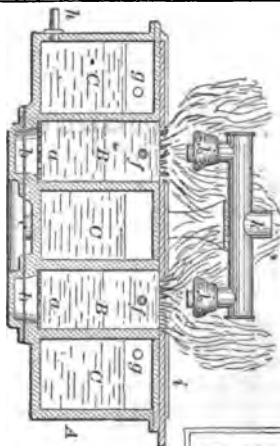
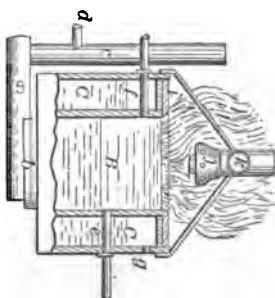
74193—G. Beurer—Bedstead.



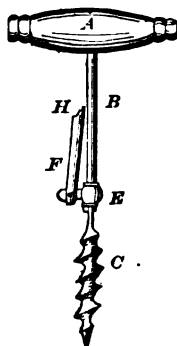
74194—M. Böshenz—Harrow.



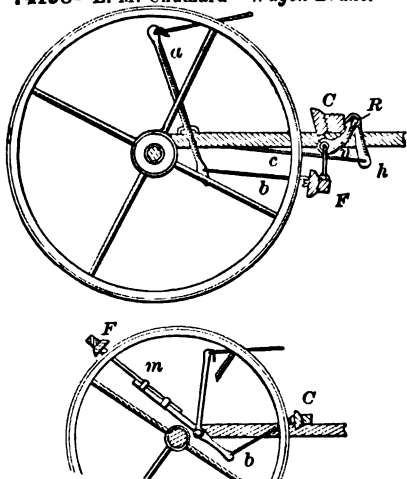
74197—J. T. Carson—Holt Punch.

74196—C. Carpenter, Jr.—
Hydro-Carbon Burner.

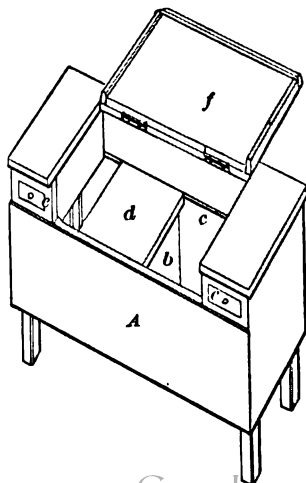
74199—S. E. Clapp—Corkecrew.



74198—E. M. Chumard—Wagon Brake.



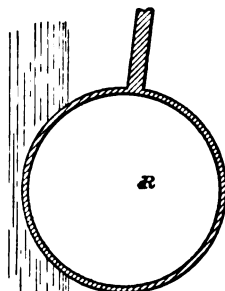
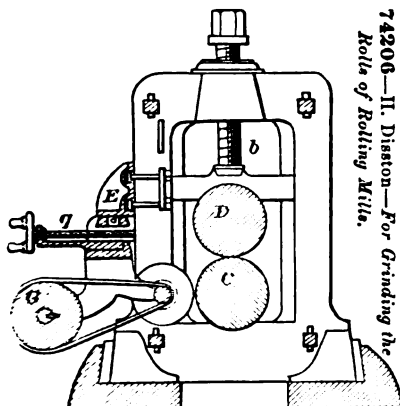
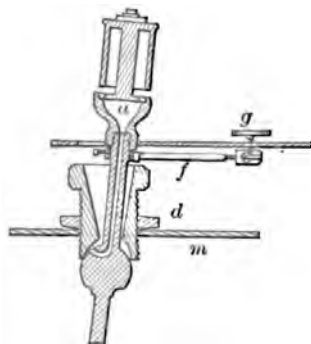
74200—T. J. Corr—Meal Chest.



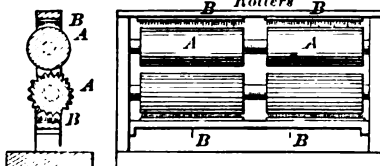
74201—E. H. Covel—Clothes Wringer.



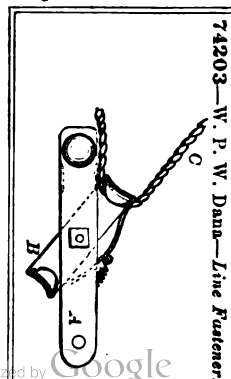
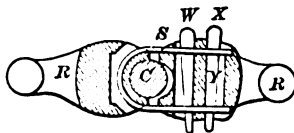
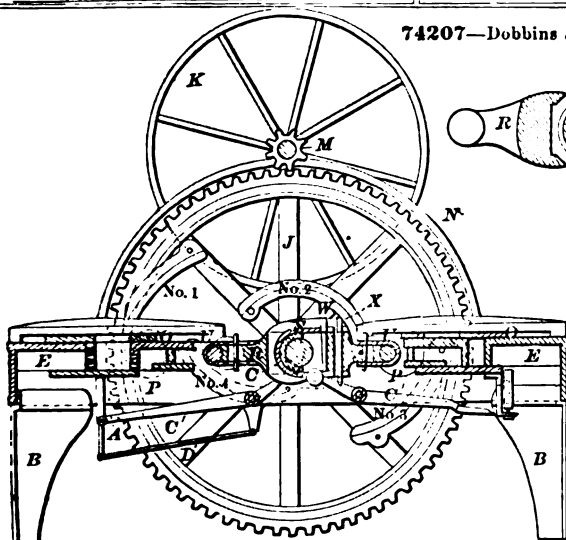
74204—C. Delafield—Water Gauge.



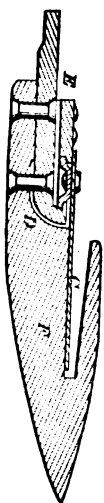
74202—D. Crowley—Cleaner for Drawing Rollers.



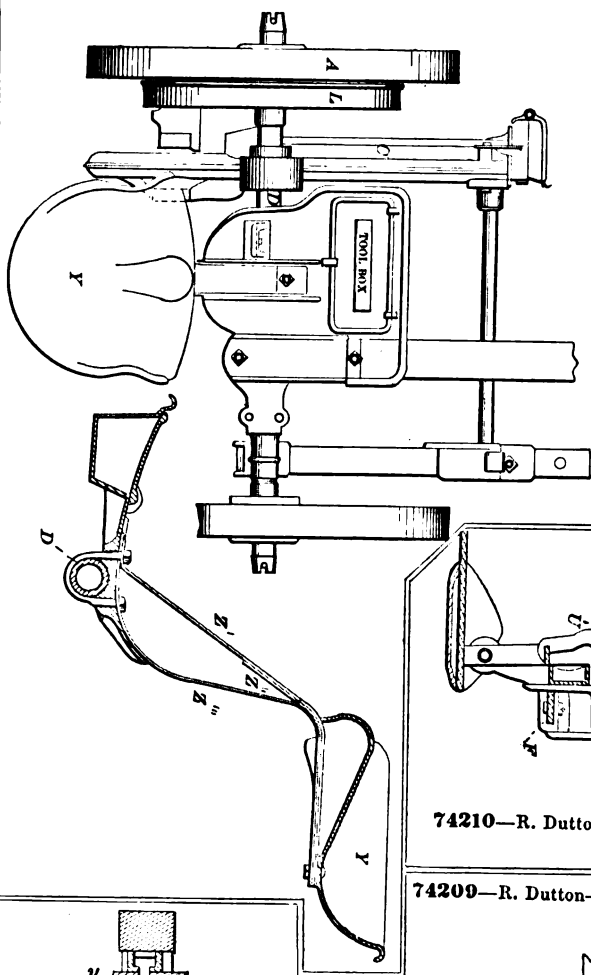
74207—Dobbins & Richards—Brick Machine.



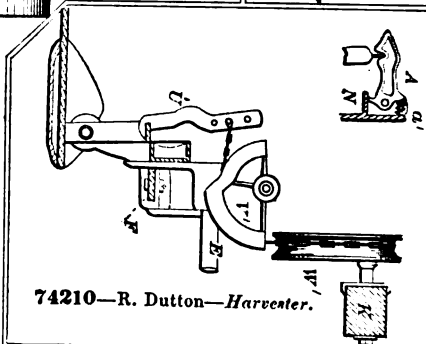
74211.—R. Dutton—Harvester Cutting Apparatus.



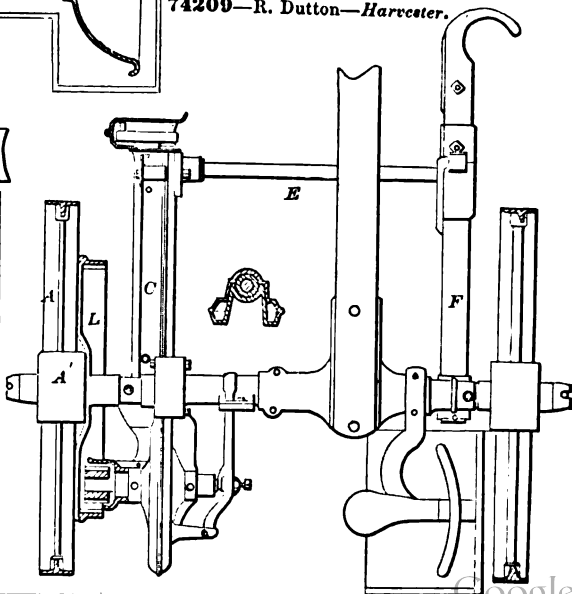
74208.—R. Dutton—Harvester.



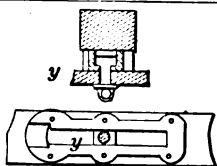
74210.—R. Dutton—Harvester.



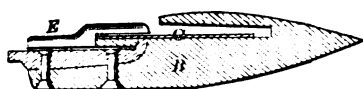
74209.—R. Dutton—Harvester.



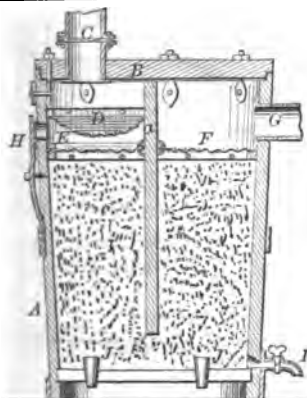
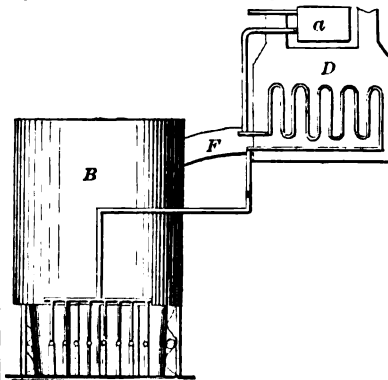
74212.—R. Dutton—Harvester Cutting Apparatus.



74213—R. Dutton—*Harvester Cutting Apparatus.*

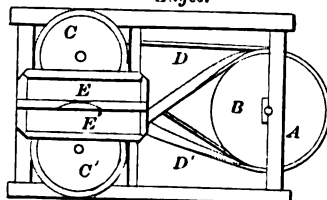


74217—A. Hamar—*Smelting Iron Ore.*

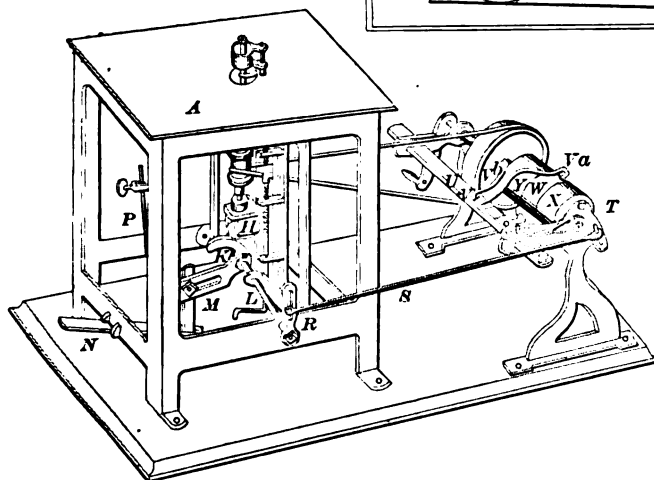


74215—Ganner & Bader—*Citern Filter.*

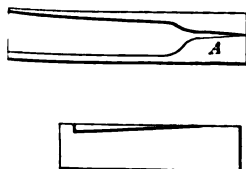
74216—S. Hagaman—*For Beveling Slate Edges.*



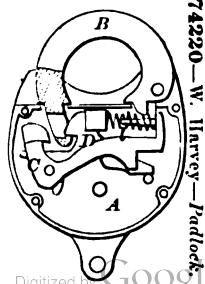
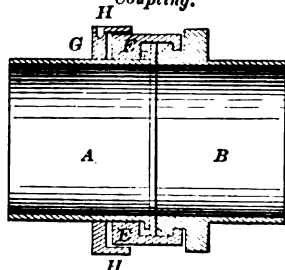
74218—D. A. Harris—*Wood Planing Machine.*



74214—W. Fosket—*For Grinding Cutlery.*

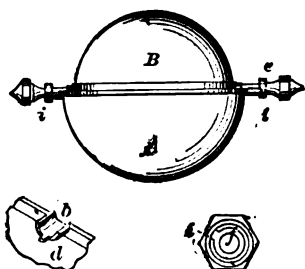


74219—C. F. Hartwig—*Hose Coupling.*

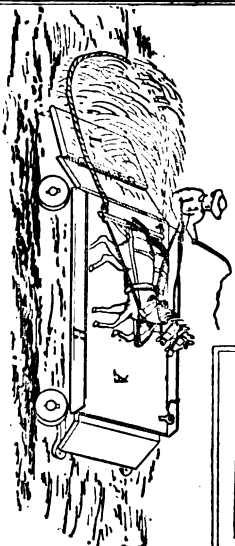
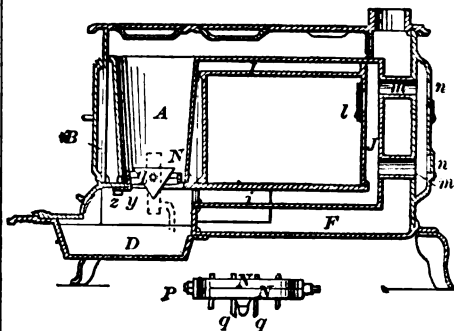


74220—W. Harvey—*Padlock.*

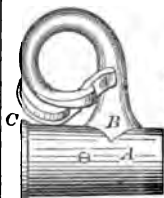
74221—W. E. Hawkins—Butter Dish.



74228—J. L. Kastendike—Cooking Stove.

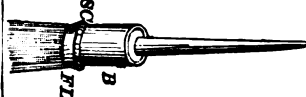


74226—H. Hull—Hay Loader.

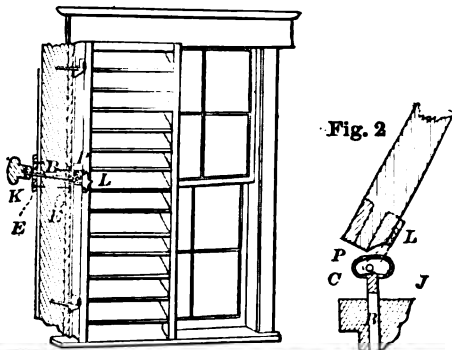


74222—W. H. Hawley—Whiffletree Hook.

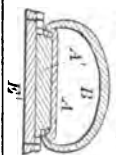
74224—G. Hergesheimer—Brush Bridle.



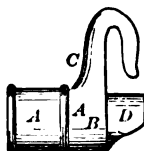
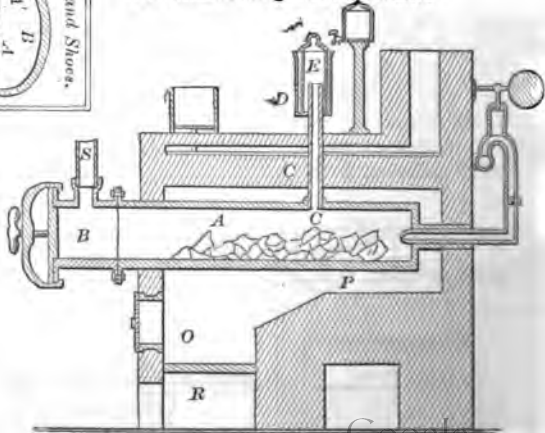
74227—S. E. Jewett—Operating Window Shutters.



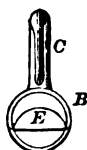
74229—W. & J. Kest—Shoe and Shoe Lasts.



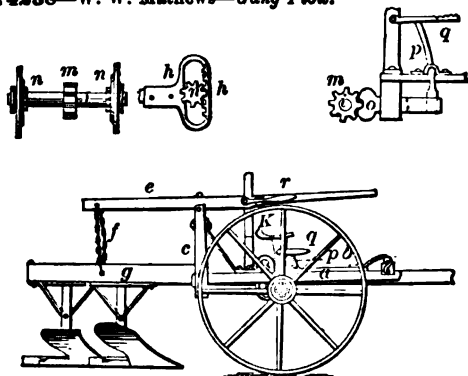
74230—F. King—Gas Generator.



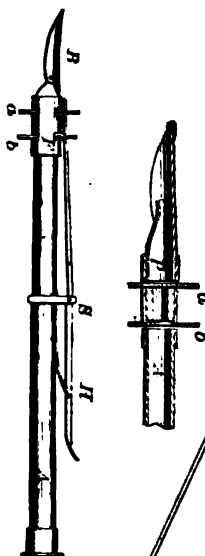
74223—W. H. Hawley—Whiffletree Hook.



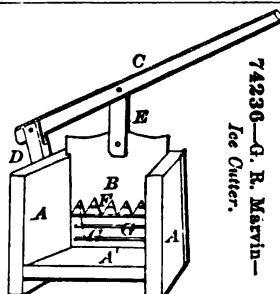
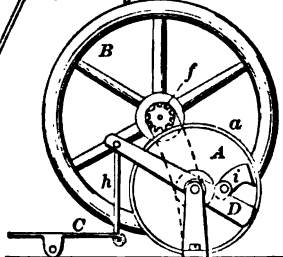
74238—W. W. Mathews—Gang Plow.



74231—J. S. Lawson—Hand Corn Planter.



74234—S. Marden—For Obtaining Motion.



74236—G. R. Marvin—Ice Cutter.

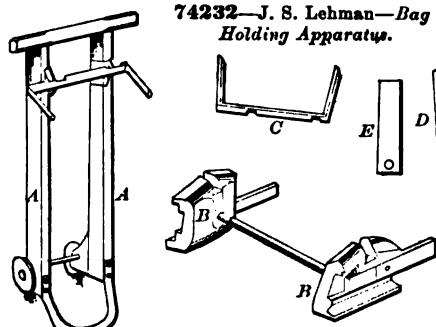
74233—D. Manuel—For Making Wire Springs.



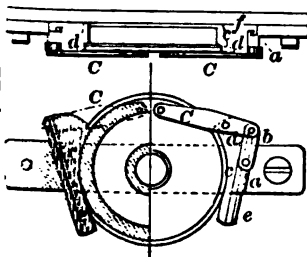
74237—J. A. Mason—Fastening Teeth.



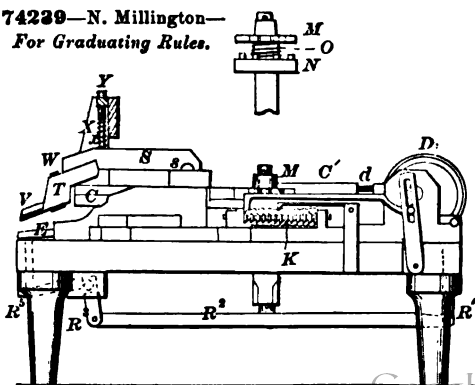
74232—J. S. Lehman—Bag Holding Apparatus.



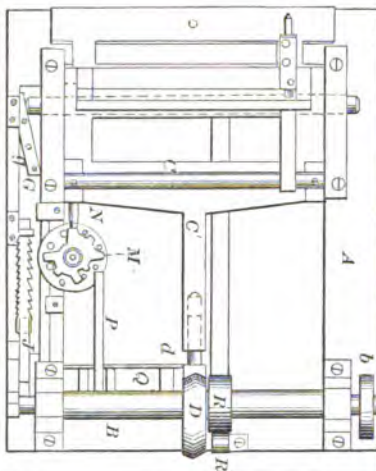
74235—S. Marden—Car Brake.



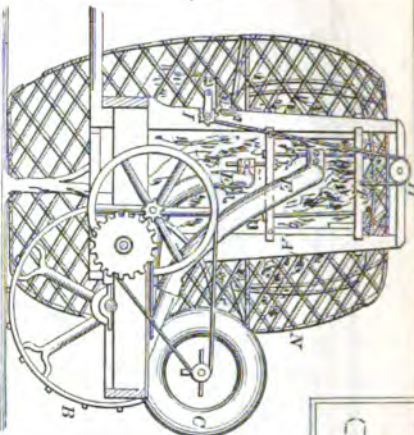
74239—N. Millington—For Graduating Rules.



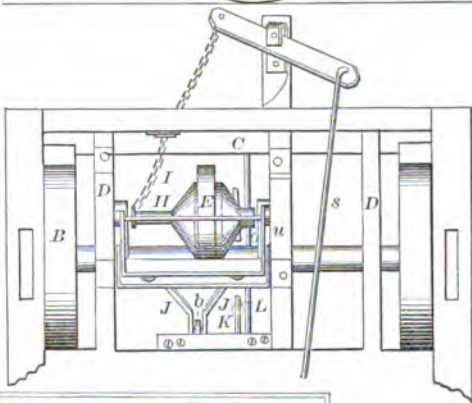
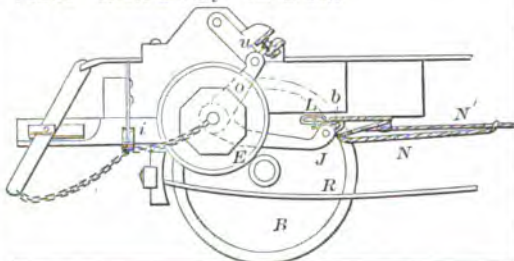
74239—Continued.



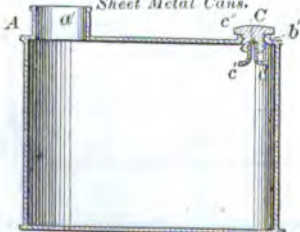
74242—Payne & Vandecar—Cotton Picker.



74240—Moore & Gary—Car Brake.



74244—R. Porter—Vent for Sheet Metal Cans.



74246—C. Quarry—Cigar.



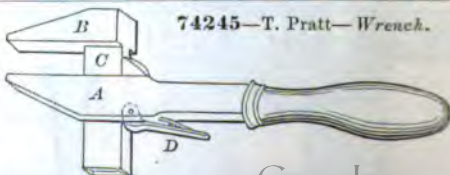
74243—Ford & Ballentine—Wedge Buckle.



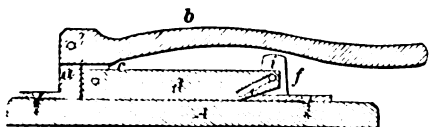
74241—A. U. Noble—Spring Punch.



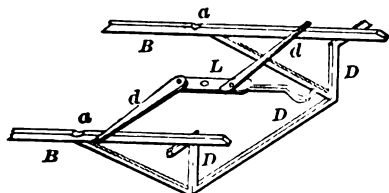
74245—T. Pratt—Wrench.



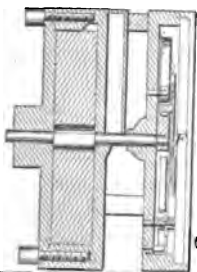
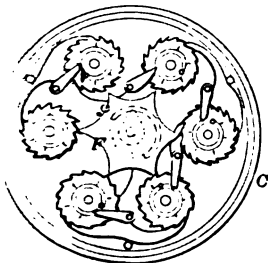
74248—D. T. Robinson—For Cutting Tobacco.



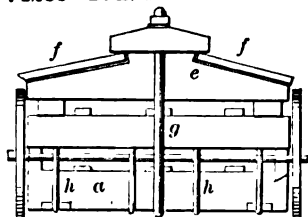
74251—G. R. & C. H. Sneath—Tilting Wagon.



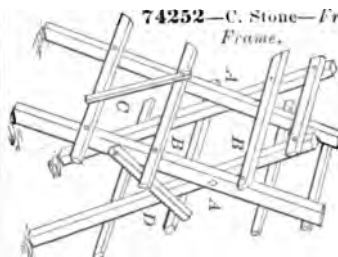
74254—J. Taggart—Water Meter.



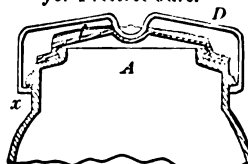
74255—D. E. Teal—Peat Car.



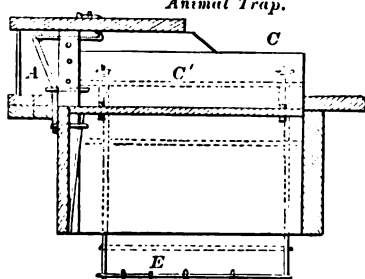
74252—C. Stone—Fruit Frame.



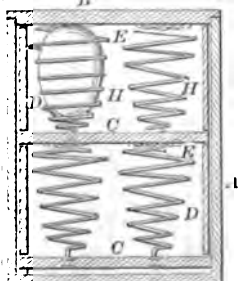
74249—S. B. Rowley—Cap for Preserve Jars.



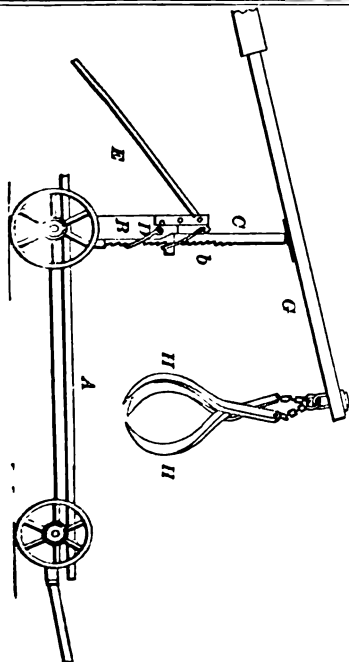
74256—A. C. Thomas—Animal Trap.



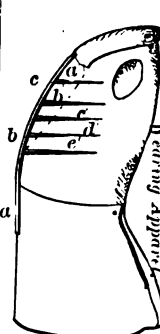
74257—A. Thomas—Packing Eggs, &c.



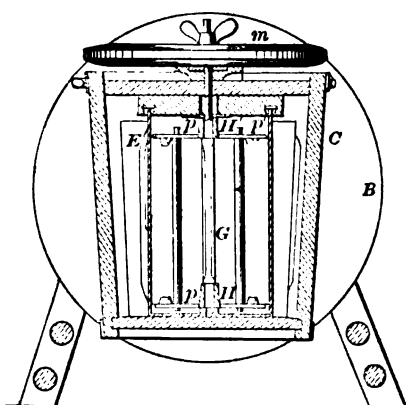
74253—J. Sutherland—Wagon for Loading Logs, &c.



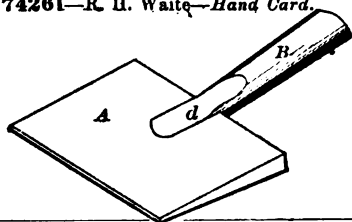
74250—J. Stone—For Stiffening Heating Apparatus.



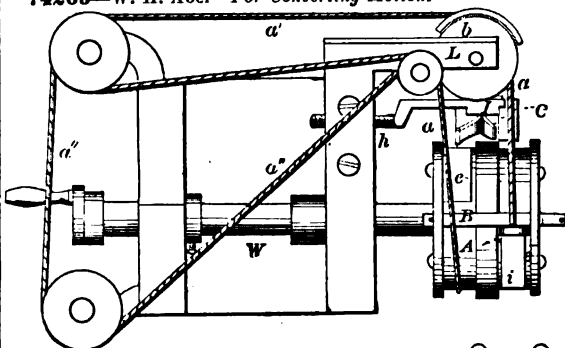
74259—J. Tingley—Ice Cream Freezer.



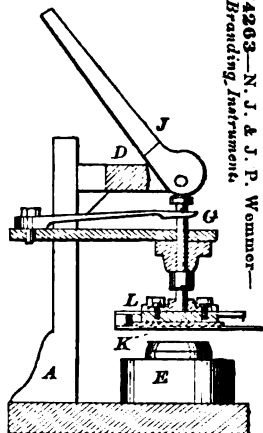
74261—R. H. Waite—Hand Card.



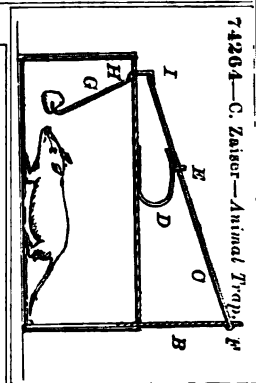
74265—W. H. Abel—For Converting Motion.



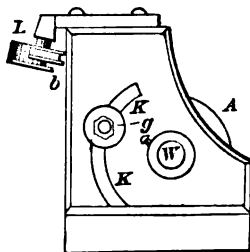
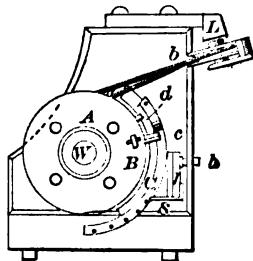
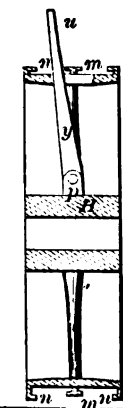
**74263—N. J. & J. P. Wenner—
Branding Instruments**



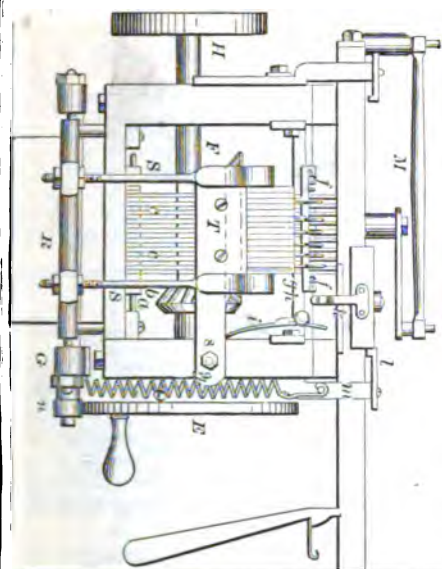
74264—C. Zaiser—Animal Trap, 5



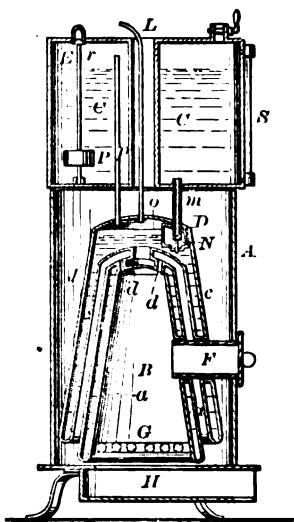
74262—O. H. Wood—Bedford St.



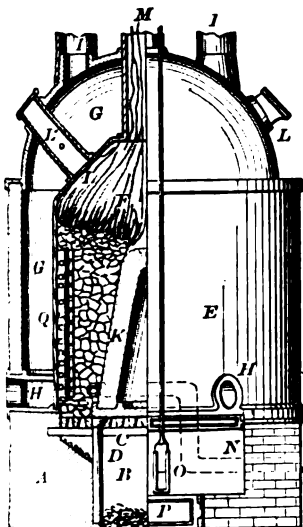
74266—W. H. Abel—Knitting Machine.



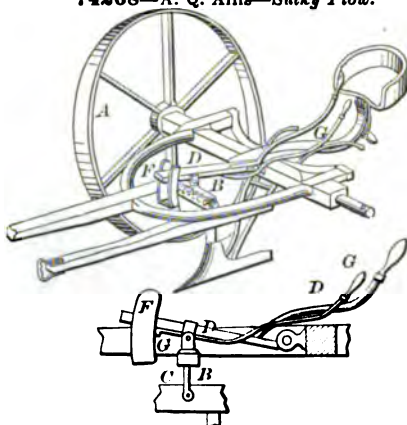
74269—V. D. Anderson—Steam Generator.



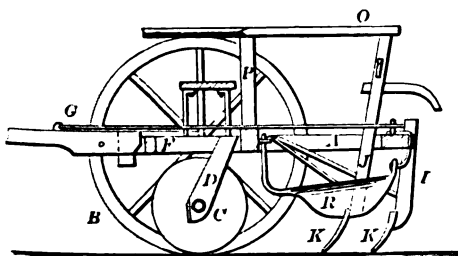
74270—H. Arden—Hot Air Furnace.



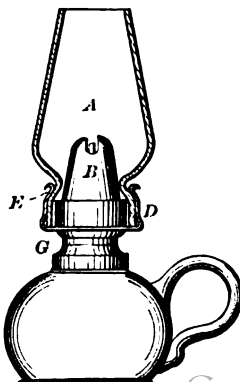
74268—A. Q. Allis—Sulky Plow.

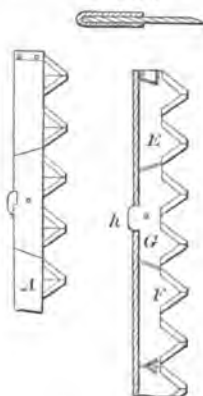
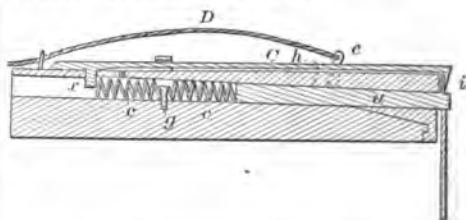
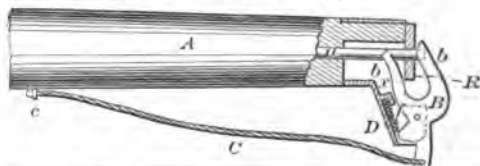
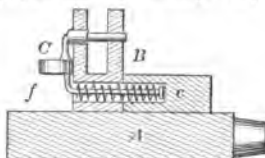
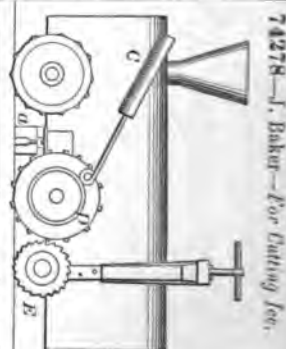
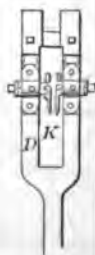
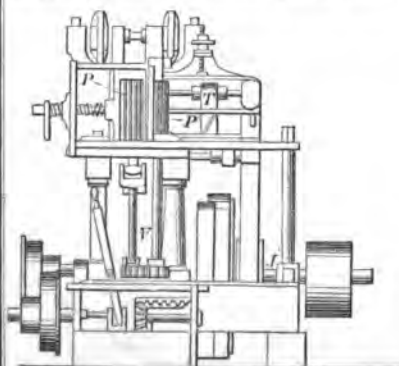
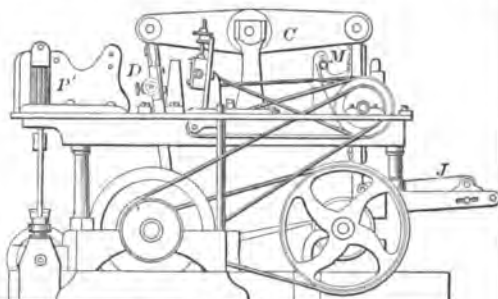
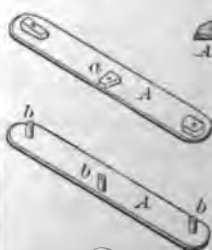
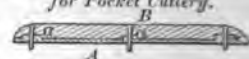


74267—J. A. Alley—Plow and Roller.

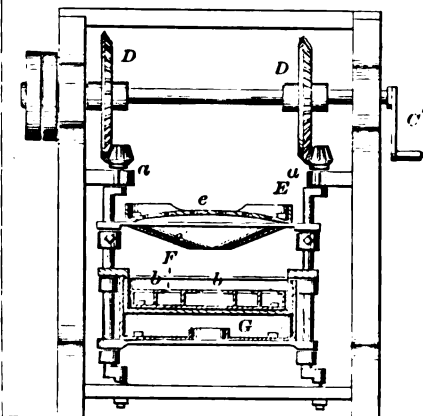


74271—Arnold & Blackman—Lamp.



74272—J. Atkins—*Harvester Cutter.*74273—D. Austin—*Whiffletree.*74274—D. Austin—*Whiffletree Tug.*74275—D. Austin—*Shaft Coupling.*74276—Bacon & Clark—*Blacking Box Holder.*74277—J. Baillie—*Saw Mill.*74278—J. Baker—*For Cutting Feet.*74279—S. Barnes—*Handle for Pocket Cutlery.*

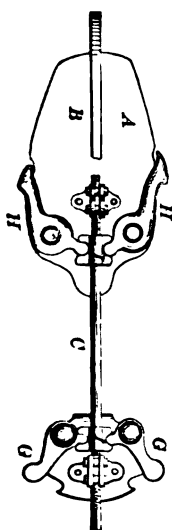
74281—S. L. Beckwith—For Washing Gold Ore.



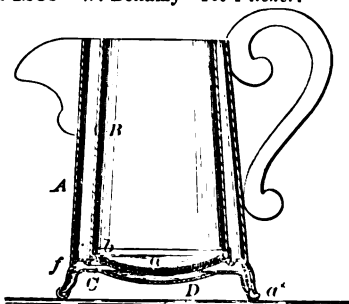
74282—C. H. Beeman, 2d—Potato Baker.



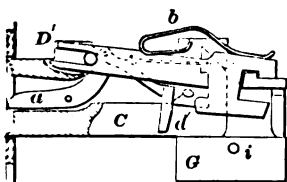
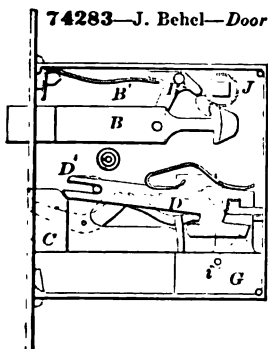
74280—P. G. Beckley—Skate.



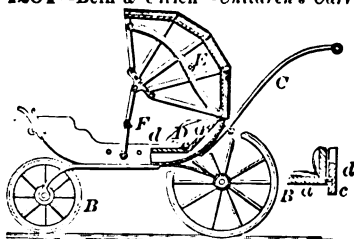
74285—W. Bellamy—Ice Pitcher.



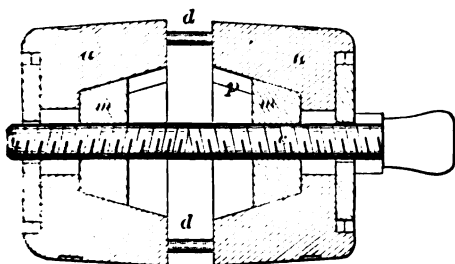
74283—J. Behel—Door Lock.



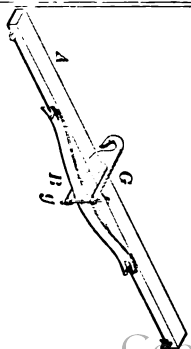
74284—Bein & Ulrich—Children's Carriage.

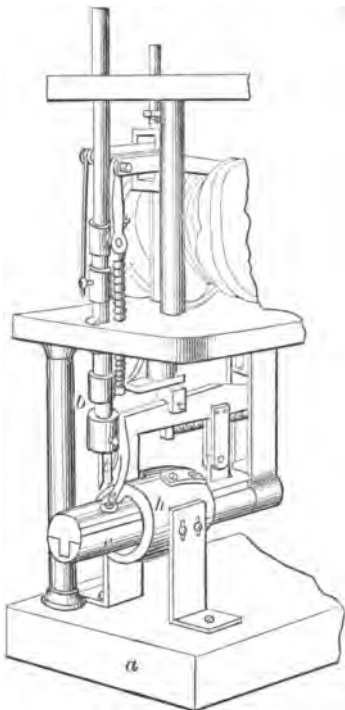
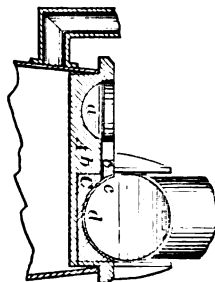
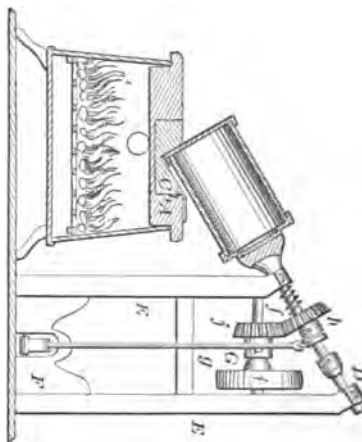
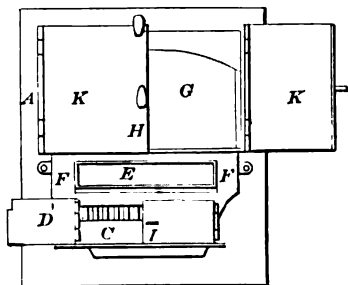
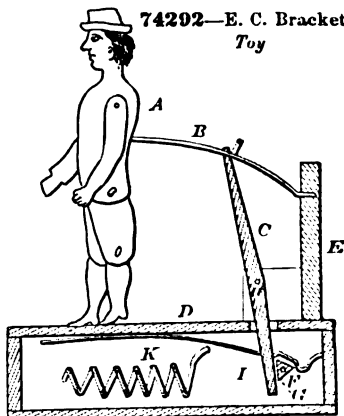
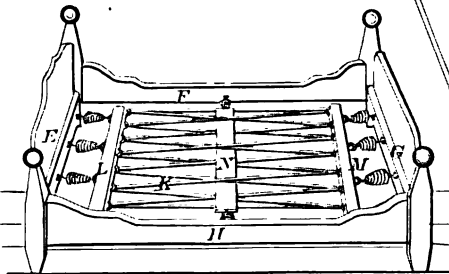


74286—E. W. L. Bellander—Forming Block for Muffs.

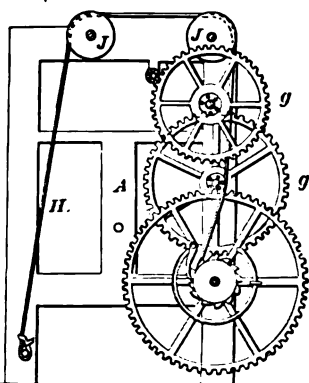


74287—L. G. Binkley—Whiffletree.

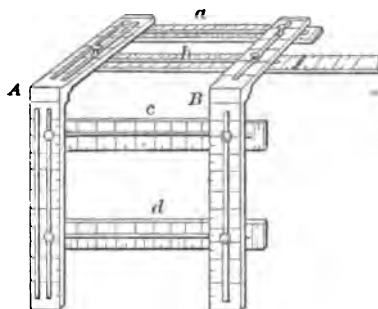


74289—L. R. Blake—Sewing Machine.**74290—J. G. Borden—For Soldering Tin Cans.****74291—D. K. Boswell—Range.****74292—E. C. Brackett—Toy****74293—F. S. Bradley—Bed Bottom.****74294—F. H. Brown—Necktie Holder.**

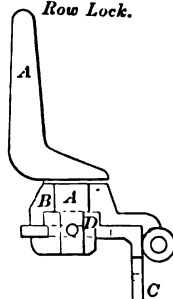
74295—I. W. Brown—Motive Power.



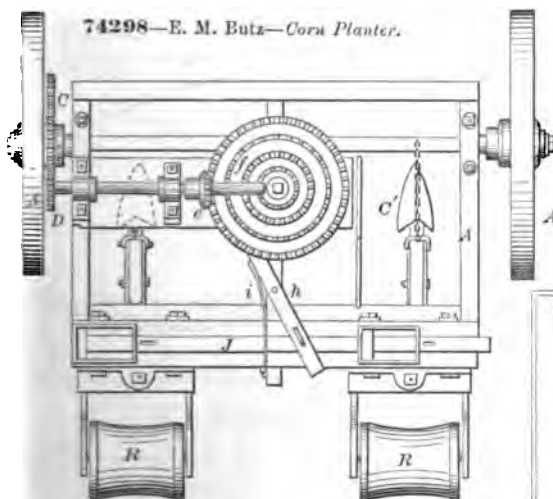
74297—N. W. Burnett—Pattern Square.



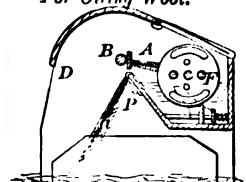
74296—G. W. Browne—Row Lock.



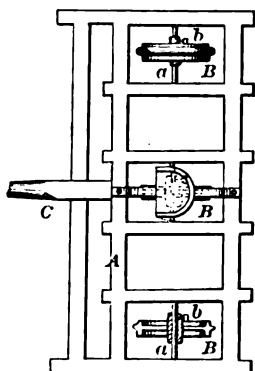
74298—E. M. Butz—Corn Planter.



74300—T. A. Campbell—For Oiling Wool.



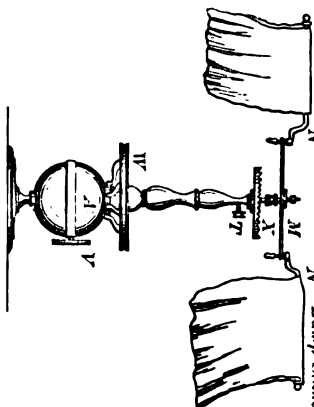
74302—J. M. Canterbury—Field Marker.

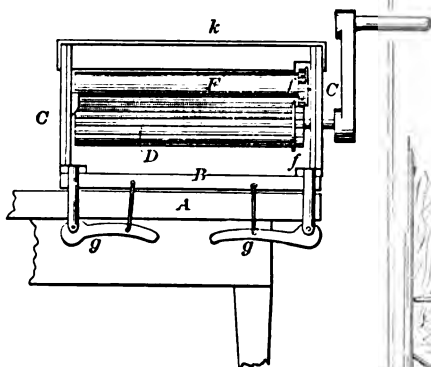
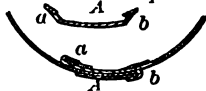
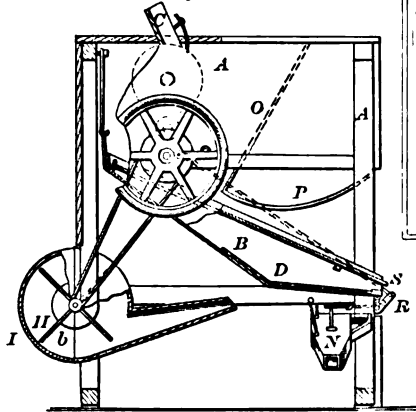
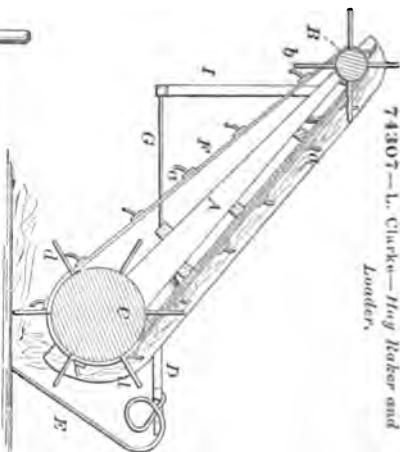
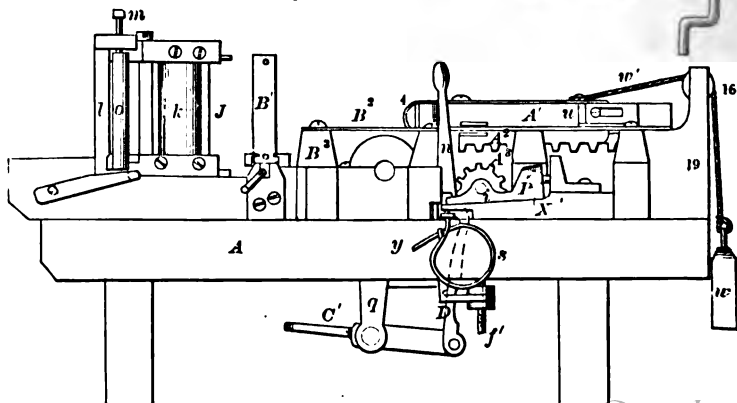
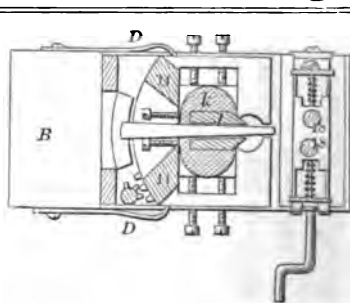
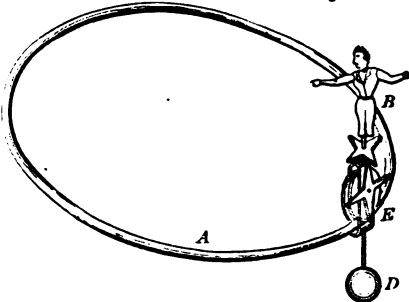


74301—C. E. Candee—Paper Clip.

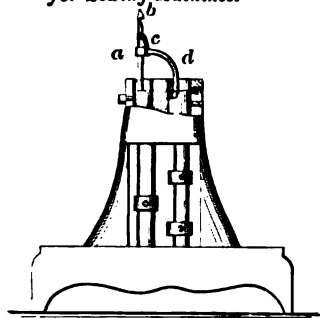


74303—T. W. Carmichael—Fan, Table Caster, and Lamp Stand.

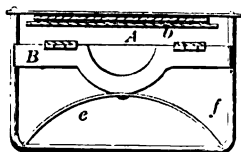


74304—A. Castellaw—Steak Crusher.**74305—J. Chase—Lock for Barrel Hoops.****74306—P. C. Chipson—Corn Sheller.****74309—W. S. Colwell—For Dressing Staves.****74308—E. T. Colburn—Child's Toy.**

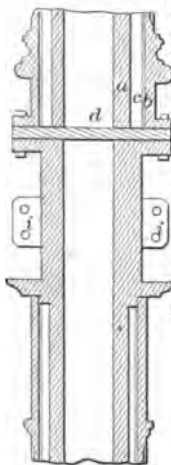
74310—E. M. Comery—*Cast-off for Sewing Machines.*



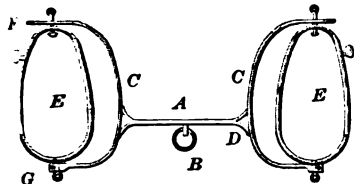
74311—Conant & Manloy—*Photographic Printing Frame.*



74312—J. B. Cornell—*Metallie Column.*



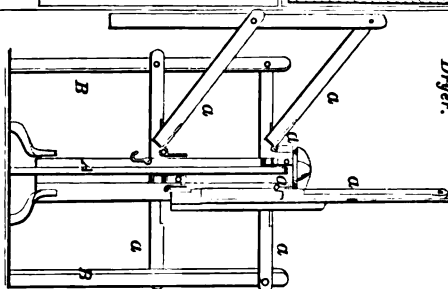
74316—E. K. Crofut—*Horse Yoke.*



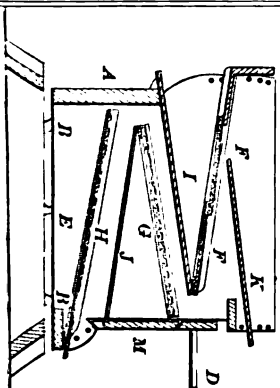
74315—J. S. Crane—*Button Hole Cutter.*



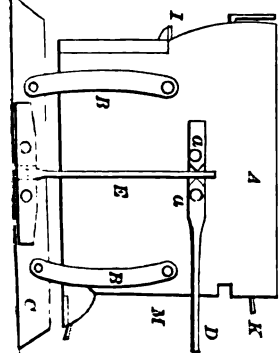
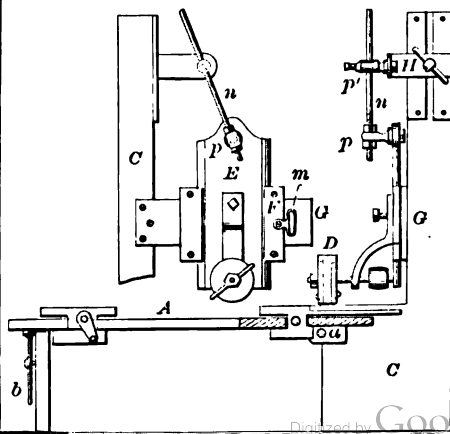
74318—I. N. Dea—*Clothes Dryer.*



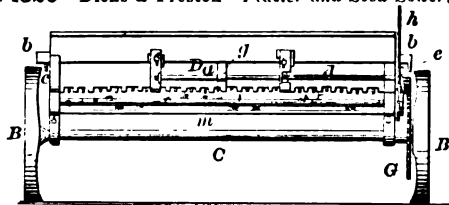
74313—J. Corson—*Grain Sieve.*



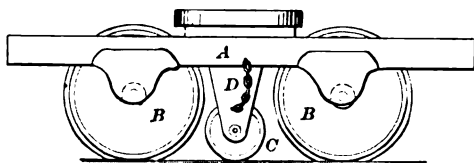
74319—De Bus & Johnson—*For Crozing Barrels.*



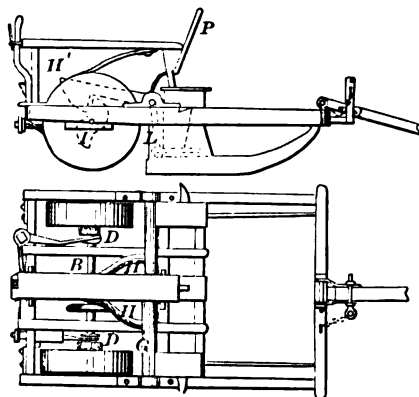
74320—Dicks & Preston—Plaster and Seed Sower.



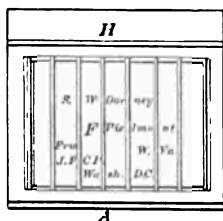
74325—G. W. Eddy—Railway Car.



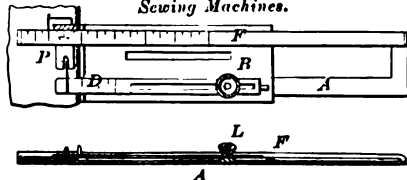
74326—P. Eidmann—Corn Planter.



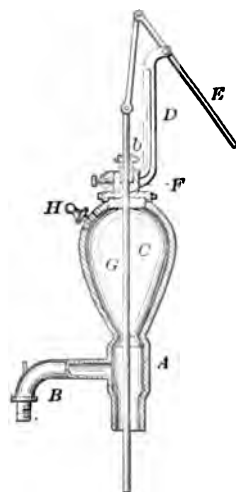
74322—S. W. Downey—Trunk Label.



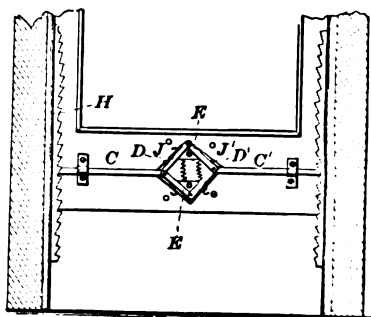
74323—M. A. Duffy—Marking Gauge for Sewing Machines.



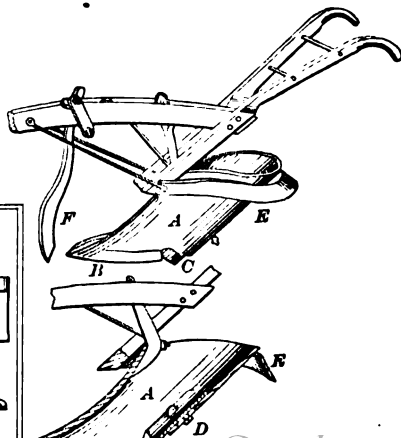
74321—J. W. Douglas—Pump.



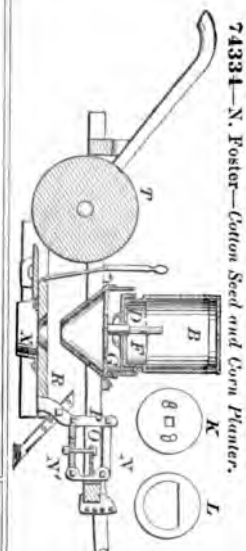
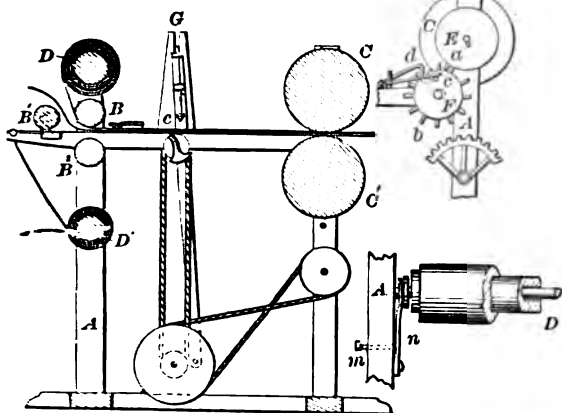
74324—A. R. Dyett—Window Sash Stop.



74327—W. P. Everdon—Plow.

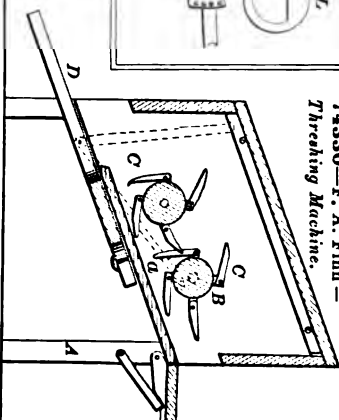
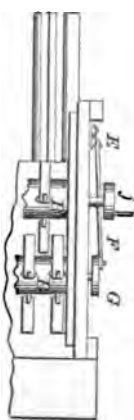
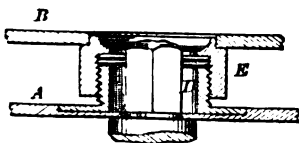


74328—J. F. Fales—For Sewing Carpet Lining.



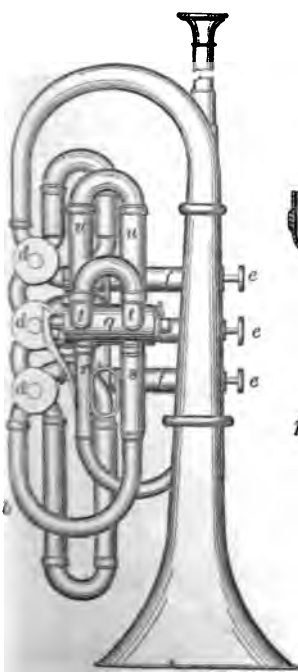
74334—N. Foster—Cotton Seed and Corn Planter.

74329—W. Fenimore—Dust Cup for Watches.

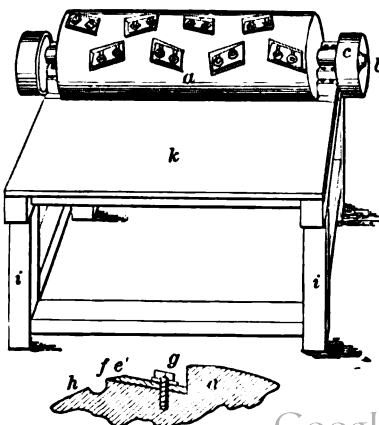


74330—F. A. Finn—Threshing Machine.

74331—I. Fiske—Cornet, &c.

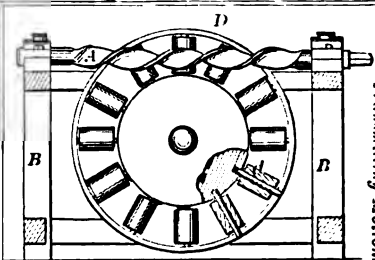
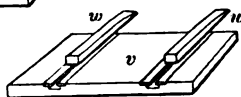
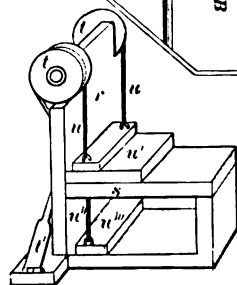
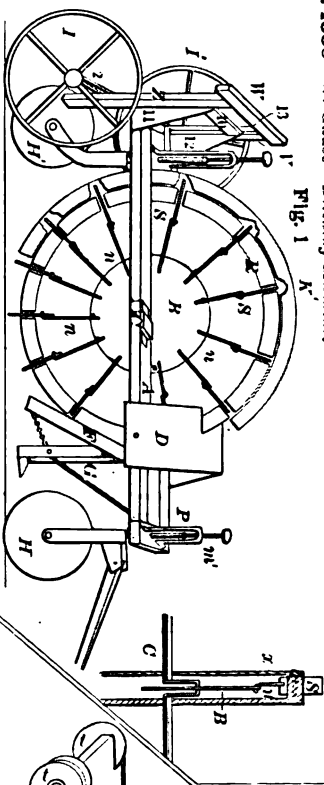


74333—M. R. Fletcher—Planing Machine.

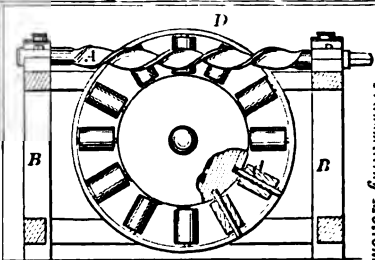


74336—W. Gause—Ditching Machine.

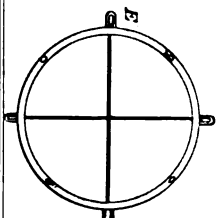
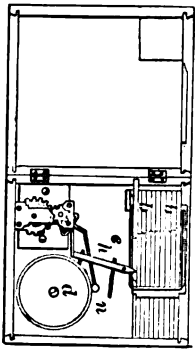
FIG. 1



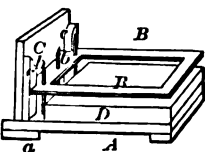
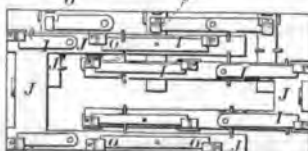
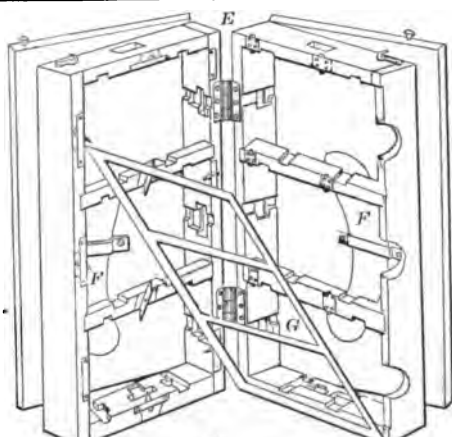
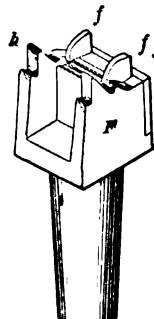
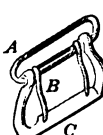
74337—E. Hurlingher—For Transmitting Motion.



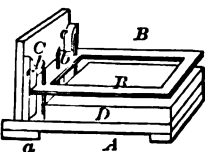
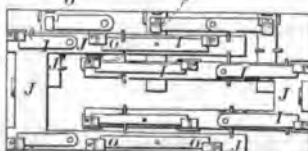
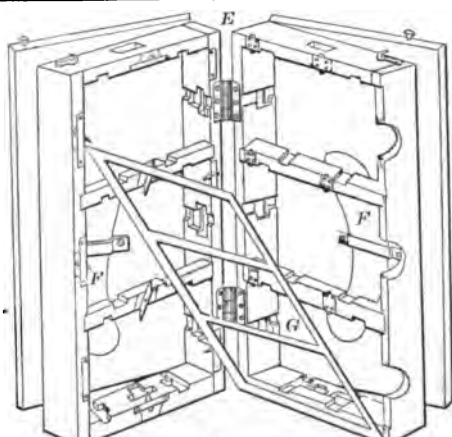
74338—Quarveiler & Stengel—Fire Alarm.



74339—M. Fowler—Die for Closing Buckles.



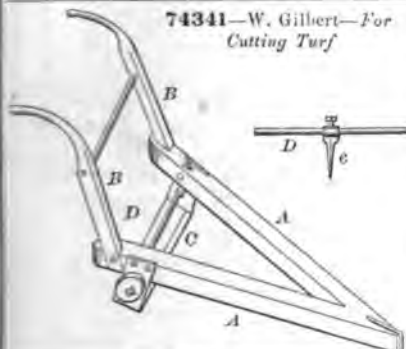
74336—J. Franke—For Cutting and Putting Photographs.



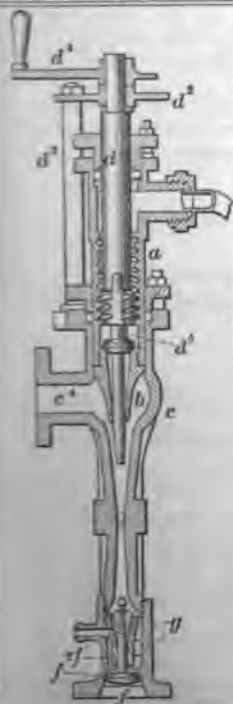
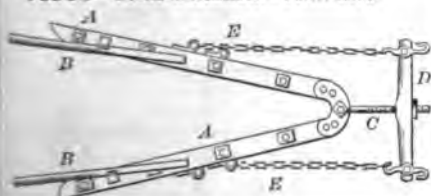
74340—J. M. Gilbert—*Stuffing for Mattresses, &c*



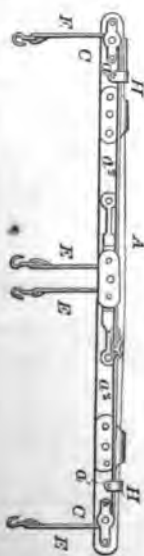
74341—W. Gilbert—*For Cutting Turf*



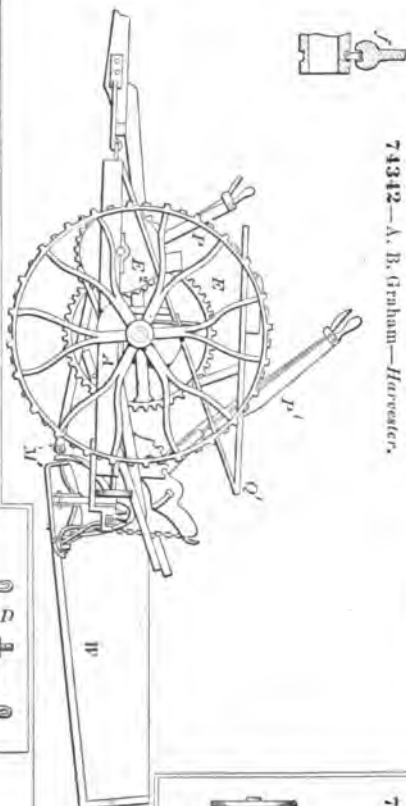
74344—Green & Sommer—*Cultivator.*



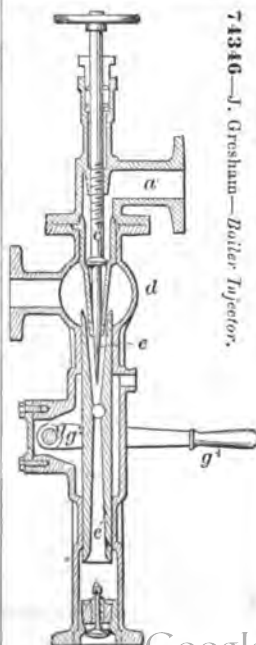
74345—J. Graham—*Boiler Injector.*



74347—Griswold, Cramer & Blay—*Equalizing Doubler.*

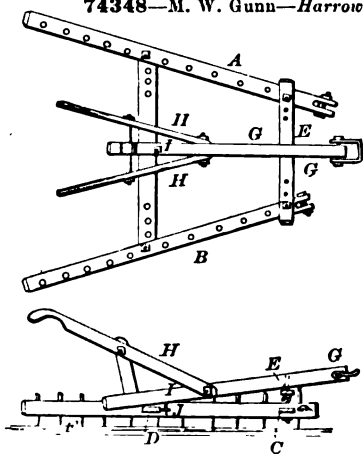


74342—A. B. Graham—*Harrow.*

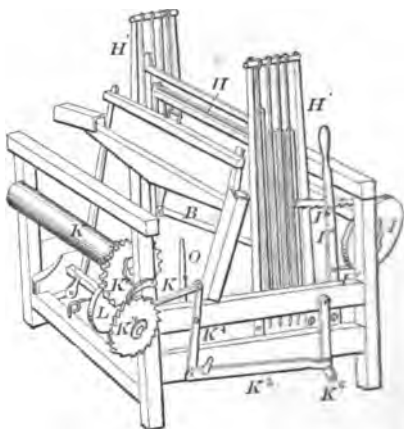


74346—J. Graham—*Boiler Injector.*

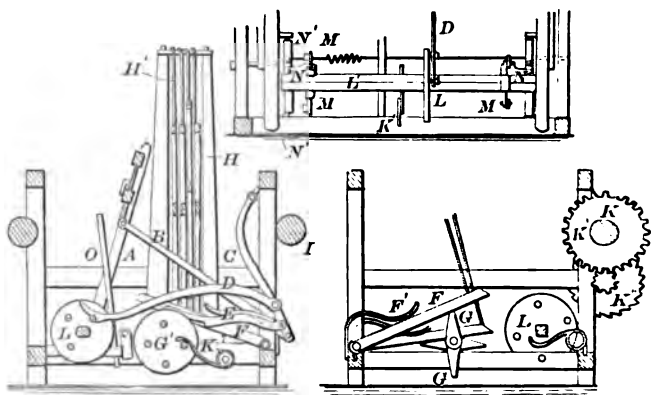
74348—M. W. Gunn—*Harrold*.



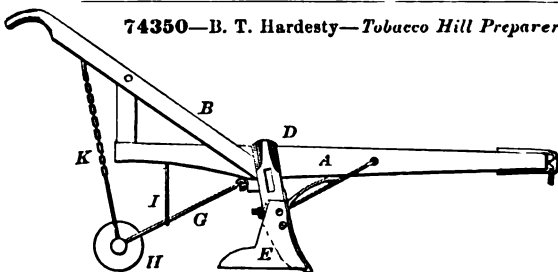
74351—Harsin & Kirkpatrick—*Hand Loom.*



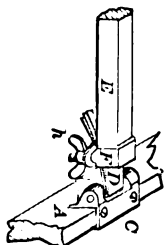
743410—J. F. J. Gunning—Hoop Skirt Clasp.



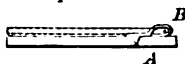
74350—B. T. Hardesty—*Tobacco Hill Preparer.*



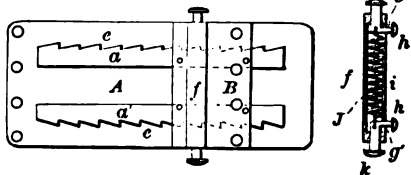
74353—P. J. Harvey—
Spring Bel Bottom.



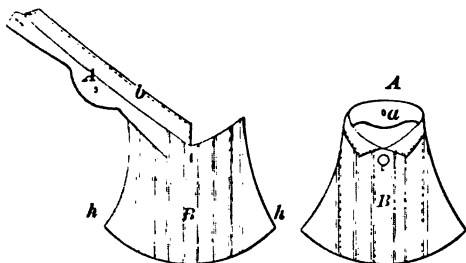
74352—Hart & Norton—
Carpet Fastener.



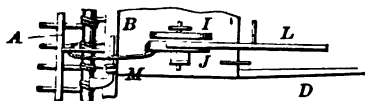
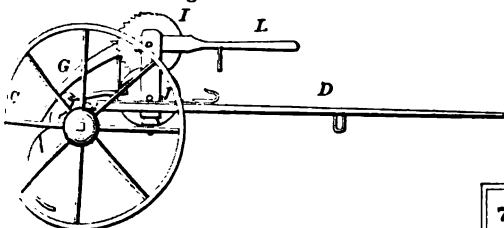
74354—E. Hatch—Belt Clasp.



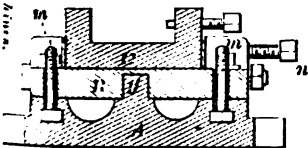
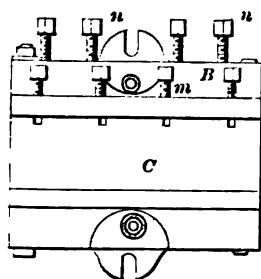
74355—E. Hatch—Collar and Bosom.



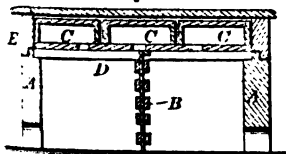
74358—T. Himmelberger—Horse Rake.



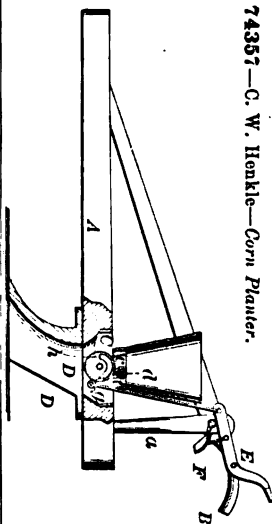
74360—J. S. Hunt—Chuck for Planing Machines.



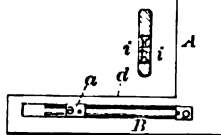
74362—I. Honeywell—Beehive.



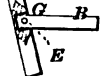
74357—C. W. Henkle—Corn Planter.



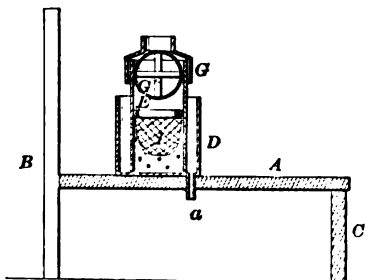
74356—T. C. Hendry—Square and Gauge.



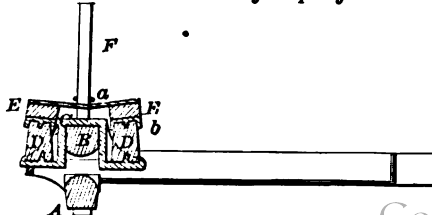
74359—R. Hitchcock—Link Joint for Car Seats.



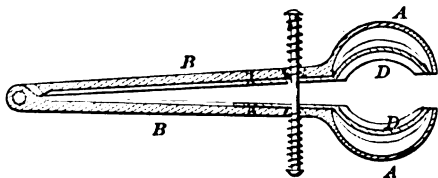
74361—H. A. Holderman—Fruit Mill and Press.



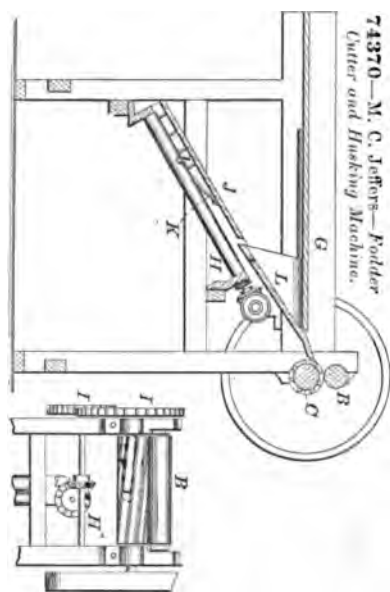
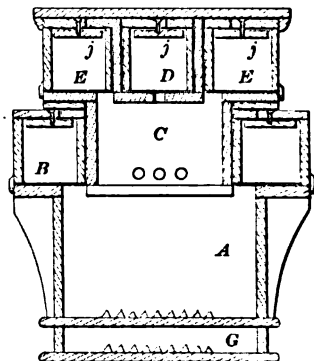
74363—E. Horton—Wagon Spring.



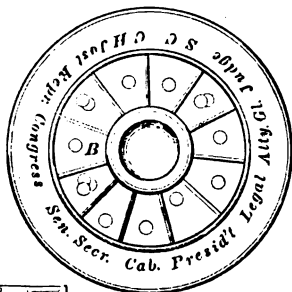
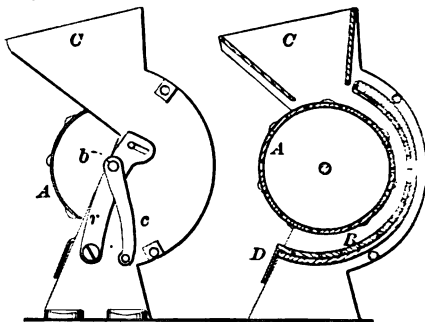
74364—M. & S. Housman—Corn Sheller.



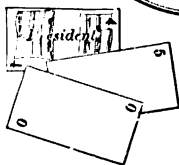
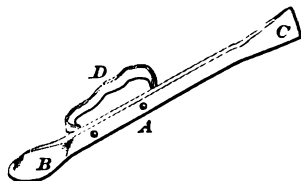
74369—J. A. Jackson—Deckie.

74370—M. C. Jeffers—Roller
Cutter and Husking Machine.

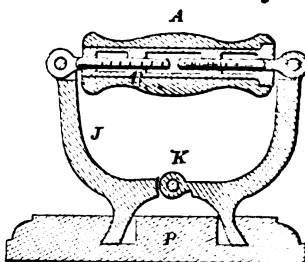
74365—G. S. Hull—Fruit Mill.



74368—H. Jackson—Game.

74371—C. S. Jewett—Weeding
Implement

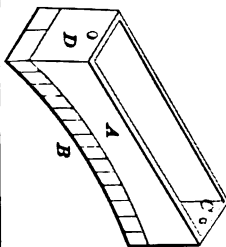
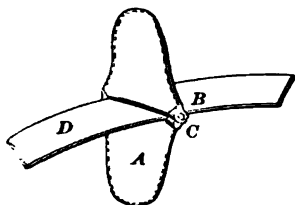
74372—J. Jones—Smoothering Iron.



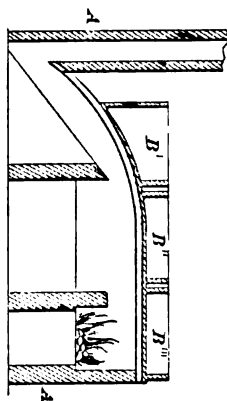
74367—A. Hurd—Buckle.



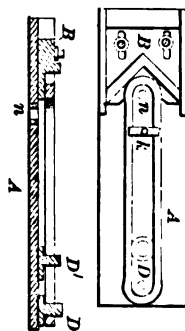
74373—P. Jones—Rein Holder.



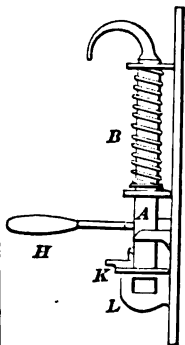
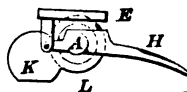
74374—T. J. Jones—Puddling Furnace.



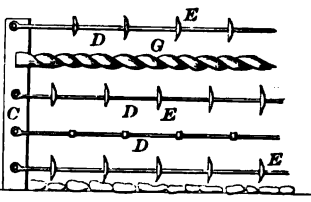
74376—C. Kellogg—For Doring Links.



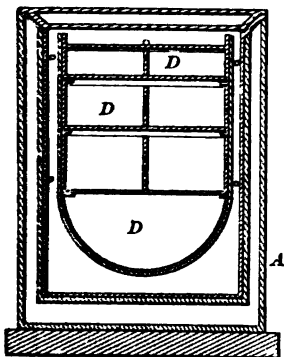
74375—Kasemeyer & Valois—Burglar Alarm.



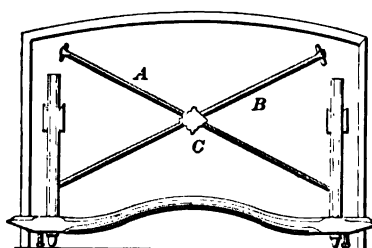
74379—M. Kelly—Fence.



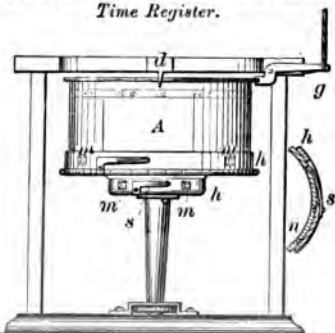
74378—T. D. Kellogg—Preserving Fishing Bait.



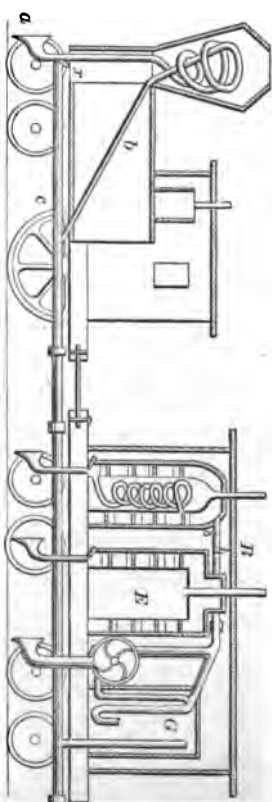
74380—H. Killam—Carriage Cross Strap.



74381—W. A. L. Kirk—*Workmen's Time Register.*

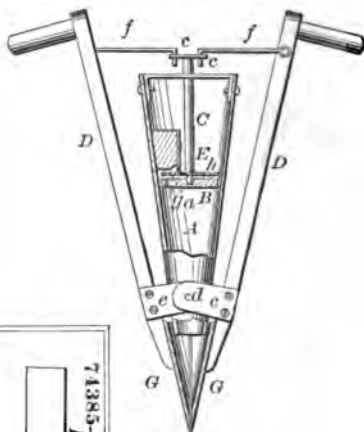


74382—W. Knoch—*Axle for Vehicles.*

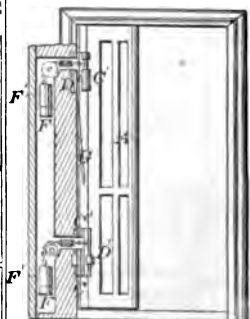
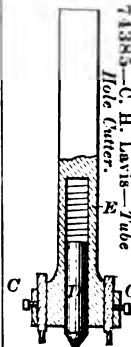


74386—S. Lloyd—*Heating Railroad Cars.*

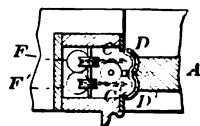
74383—Koeller & Uecke—*Seed Planter.*



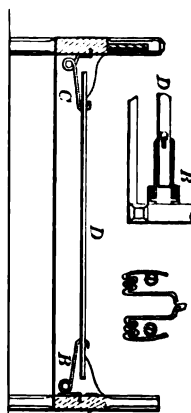
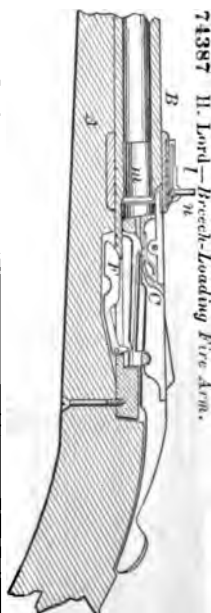
74385—C. H. Davis—*Tube Hole Cutter.*



74384—G. Lane—*Door Hinge.*

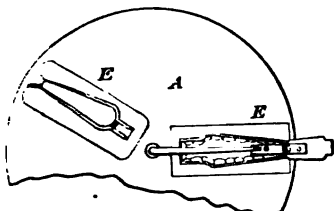
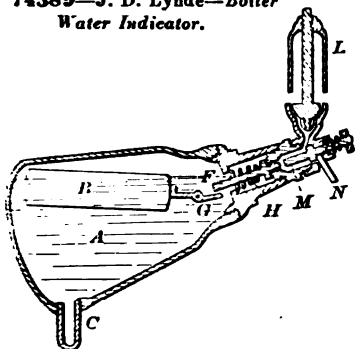


74387—H. Lord—*Breech-Loading Fire Arm.*

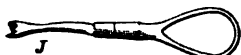
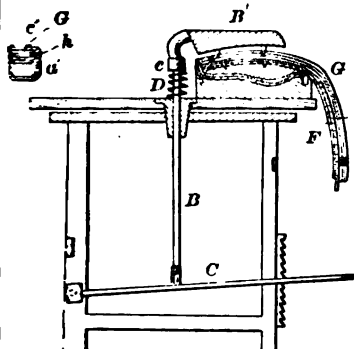


74388—H. O. Lowrey—*Spring Bed Bottom.*

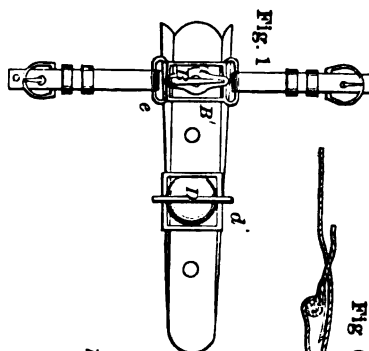
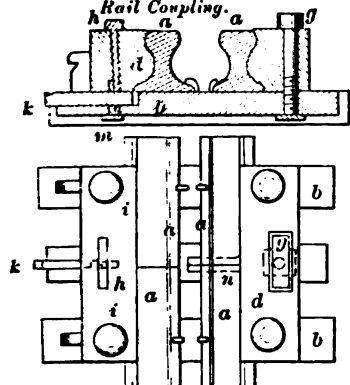
74389—J. D. Lynde—Boiler
Water Indicator.



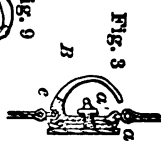
74390—J. Machine—Harness Pad.



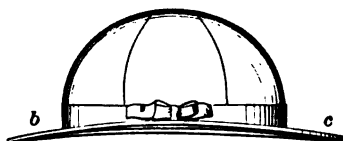
74393—W. S. Mallory—Railroad
Rail Coupling.



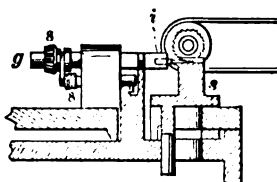
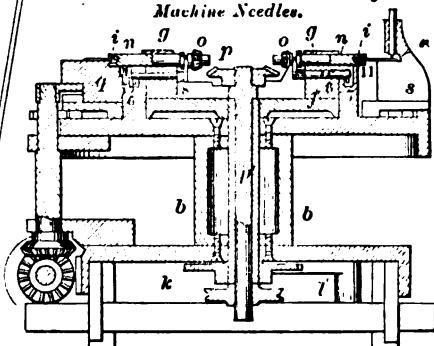
74391—T. J. Magruder—Harness Trimming.



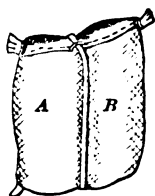
74392—G. Mallory—Hat.



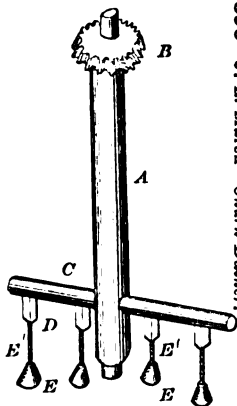
74394—E. J. Manville—For Making Sewing
Machine Needles.



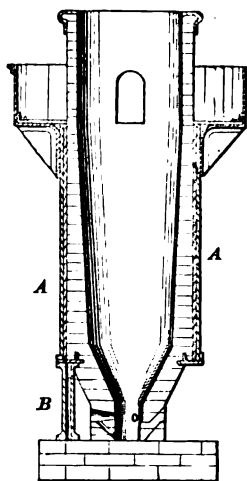
74395—L. A. Marburg—
Packing Tobacco.



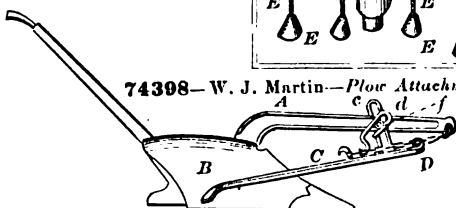
74396—J. L. Marsh—Churn Dasher.



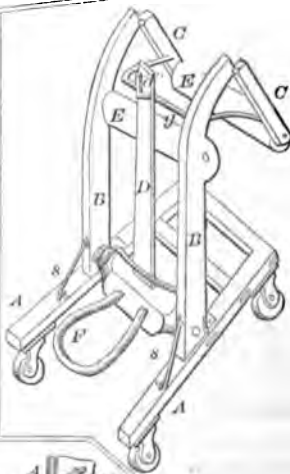
74397—C. Martin—Reduction of Refractory Iron Ores.



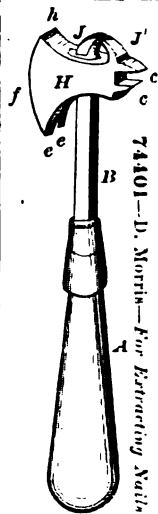
74398—W. J. Martin—Plow Attachment.



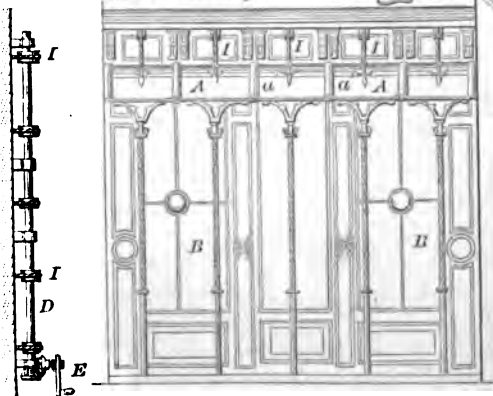
74402—C. B. Morse—Bobbin for
for Spinning.



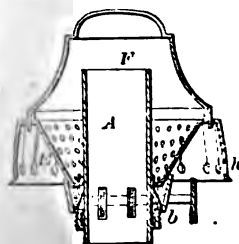
74400—J. H. Mears—Lop Wreger.

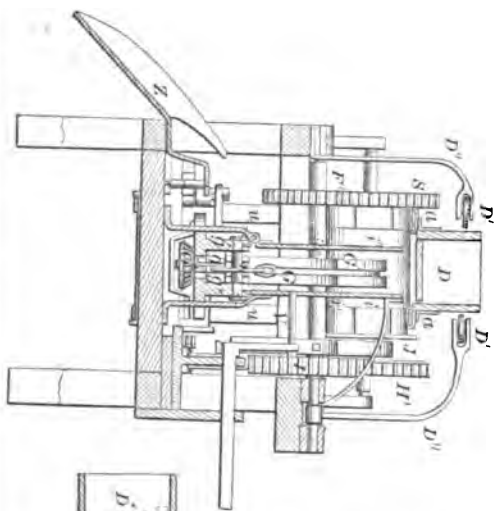


74399—G. M. McMahon—Door
Blind and Avening.

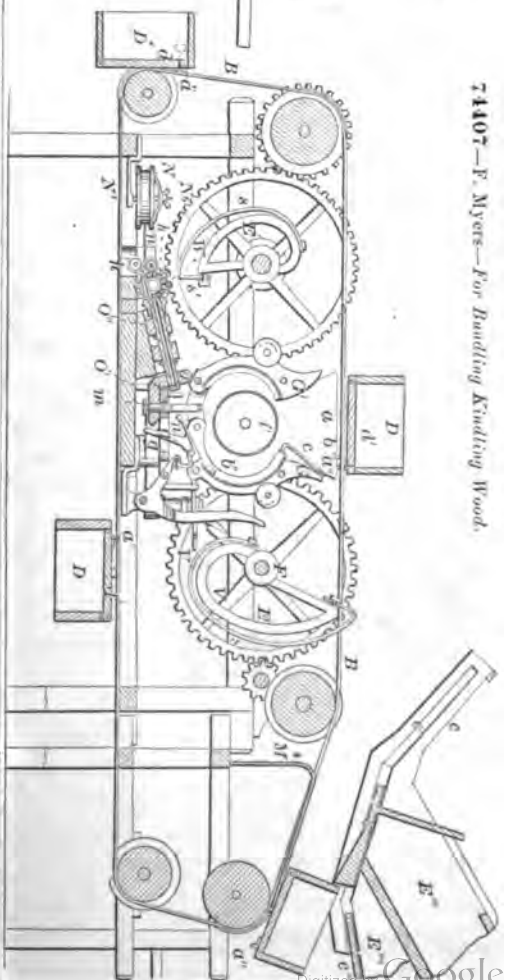


74403—W. Mullally—Lamp

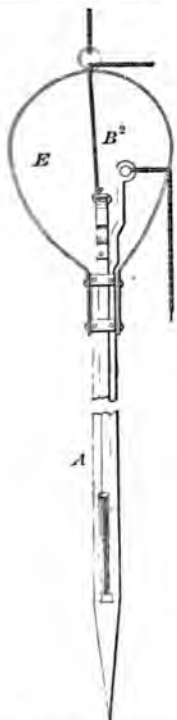




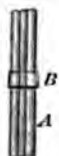
74401—J. S. Mullin—Steam Generator.



74405—J. H. Mullin—Horse Hay Fork.

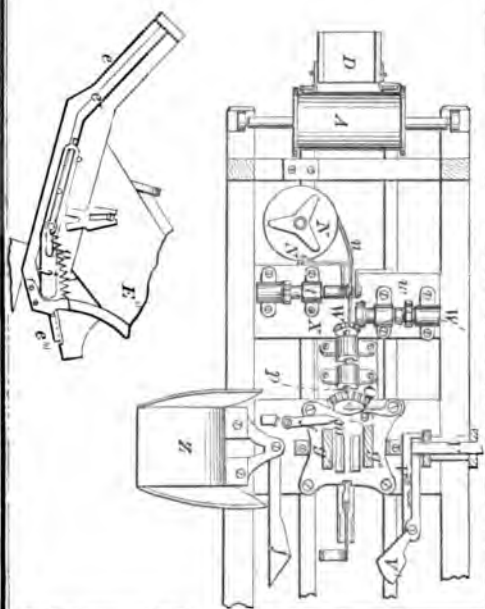


74406—D. Munson—
Lightning Rod.

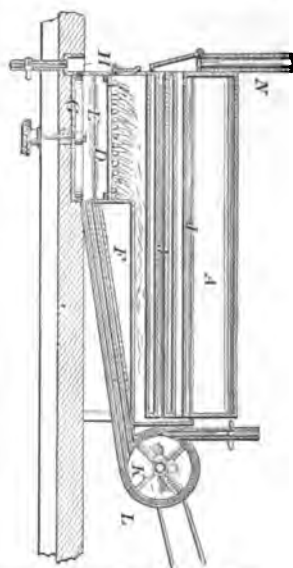


74407—F. Myers—For Bundling Kindling Wood.

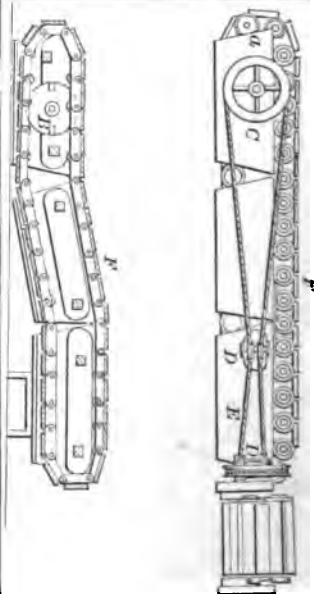
74407—Continued.



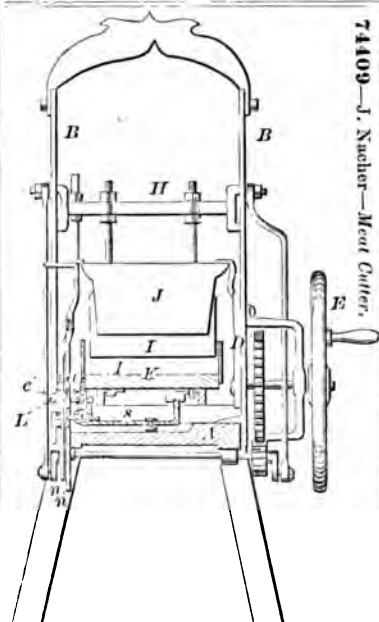
74410—W. H. & M. V. Nobles—Steam Generator.



74408—W. T. Nichols—Portable Railway Elevator.



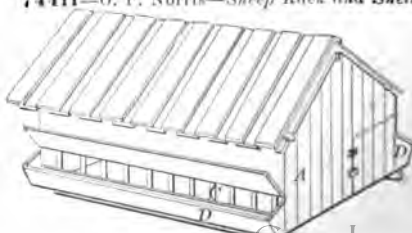
74409—J. Nacher—Meat Cutter.



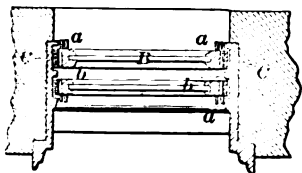
74412—W. A. C. Oaks—Window Shade Fixture.



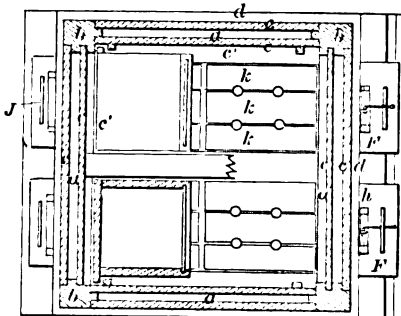
74411—O. P. Norris—Sheep Rack and Shelter.



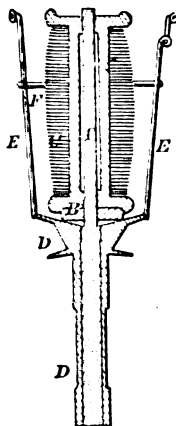
74413—C. H. Palmer—*Hanging Window Sash.*



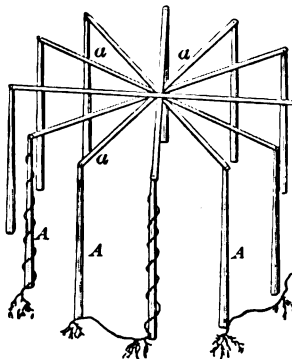
74415—J. M. Patton—*Beehive.*



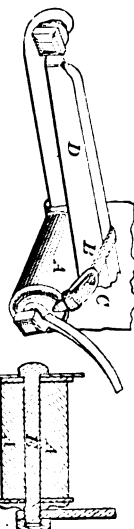
74416—O. Pearl—*Spinning Throatle.*



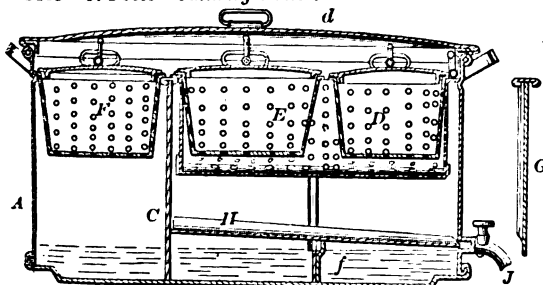
74417—G. Perry—*Cultivating Grape Vines.*



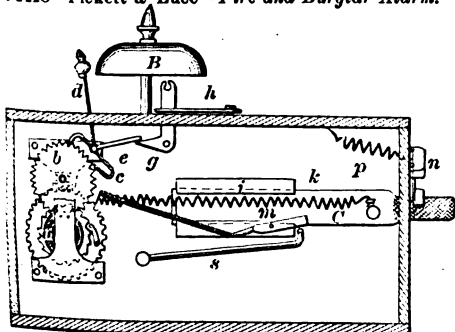
74414—J. Palmer—*Buggy Top Roller.*



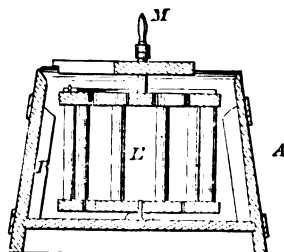
74419—O. Poole—*Culinary Boiler.*



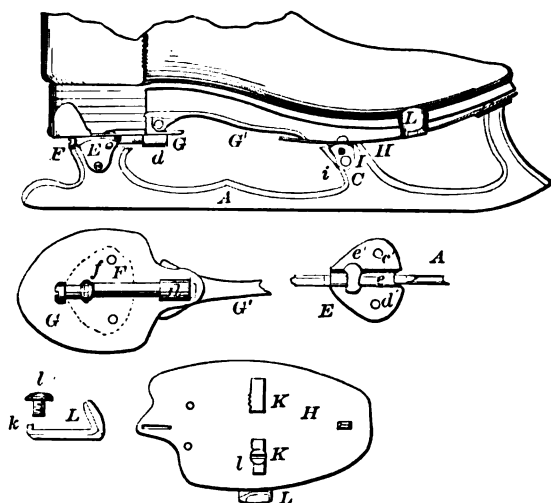
74418—Pickett & Luce—*Fire and Burglar Alarm.*



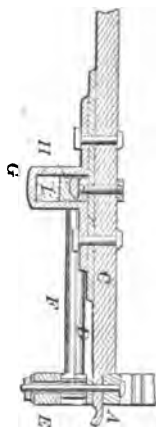
74420—Porter & Roberts—*Potato Washer.*



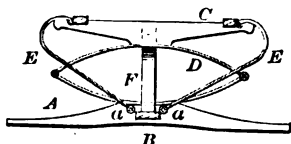
74421—J. W. Post—Skate.



74422—H. W. Ransom—Fifth Wheel for Carriages.



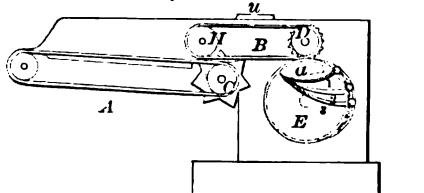
74424—C. L. Rice—Vehicle Spring.



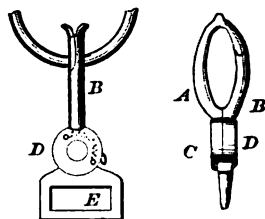
74423—B. W. Remington—Curry Comb.



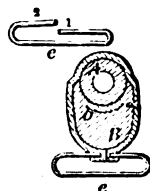
74425—J. Richardson—For Bundling Kindling Wood.



74426—J. C. Richmond—Snap Hook.



74427—J. Rider—Snap Ring for Fire Arms.



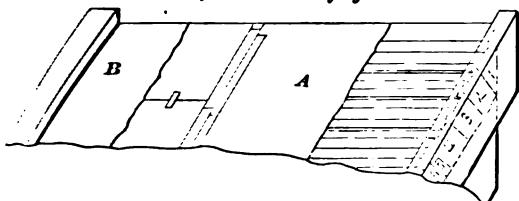
74428—J. Rider—Breech-Loading Fire Arm.



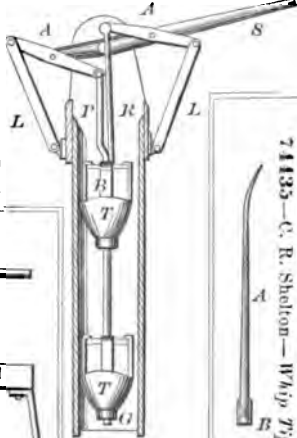
74434—A Searls—Pivoted Stump Joint.



74430—L. Rodney—Cement Roofing.

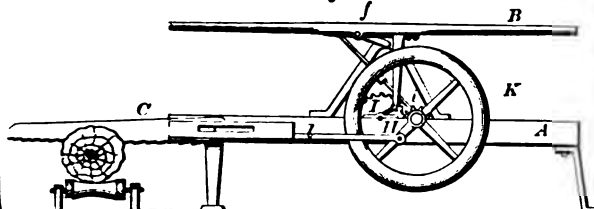


74431—C. Rogers—Pump.

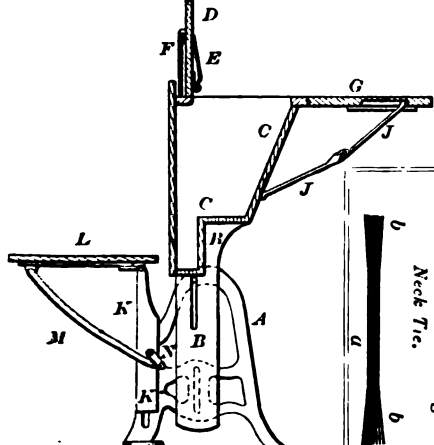


74435—C. R. Shelton—Whip Tip.

74432—Root & Bennett—Sawing Machine.



74433—Scott & La Rue—School Desk and Seat.



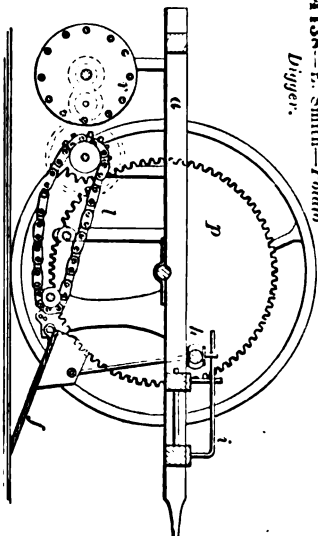
74436—Silberman & Unger—Neck Tie.

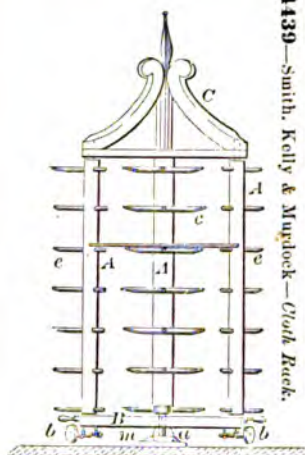


74437—A. B. Simonds—Hand Turning Tool.



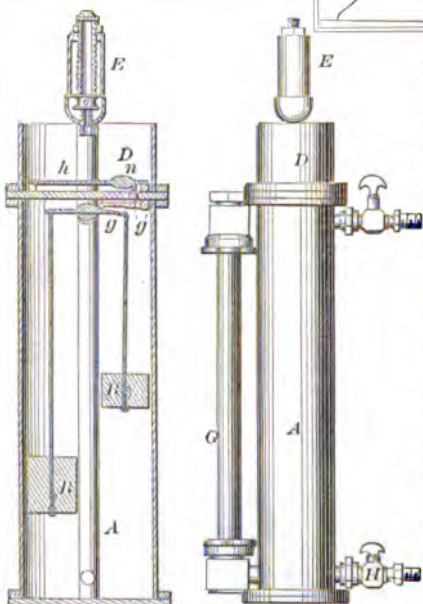
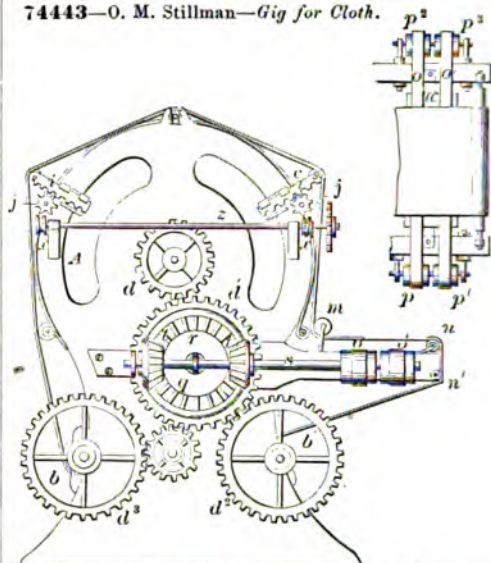
74438—E. Smith—Potato Digger.





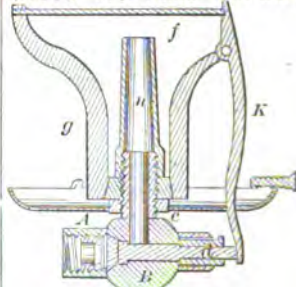
74439—Smith, Kelly & Mupdock—Cloth Rack.

74443—O. M. Stillman—Gig for Cloth.

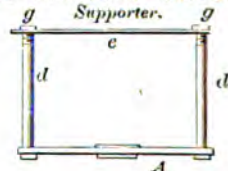


74442—J. H. Springer—Water Alarm for Steam Generators.

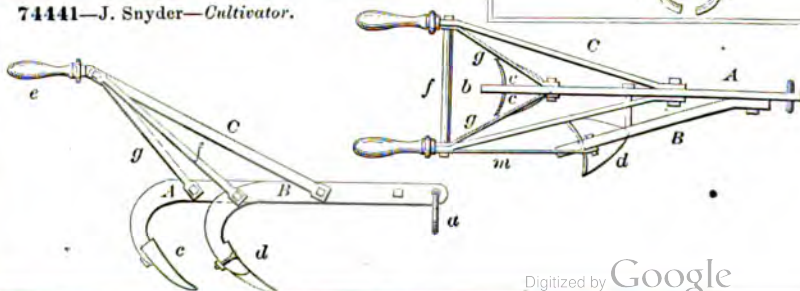
74440—J. B. Smith—Gas Burner.



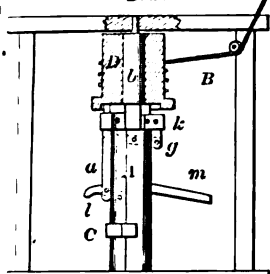
74444—A. J. Stover—Stove Flue Supporter.



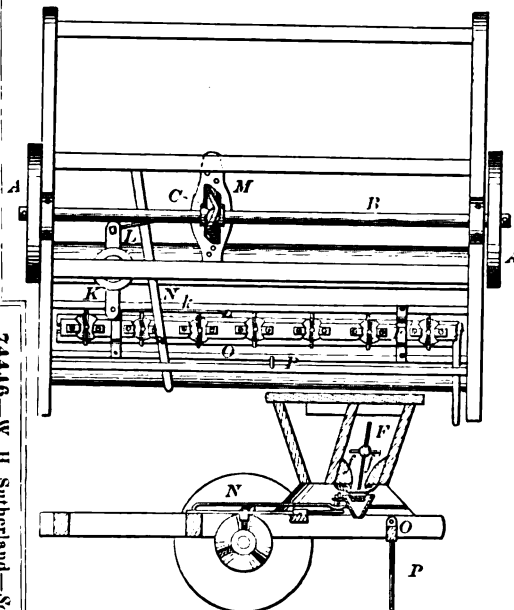
74441—J. Snyder—Cultivator.



74445—H. Strickler—Hoisting
Drum.



74448—J. F. Thomas—For Distributing Guano, &c.



74446—W. H. Sutherland—Sash Stop.
Fig. 2

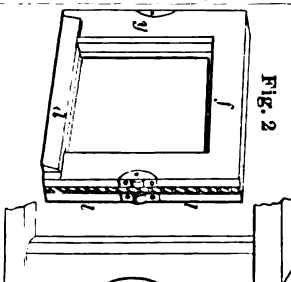
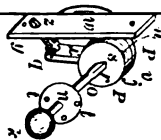
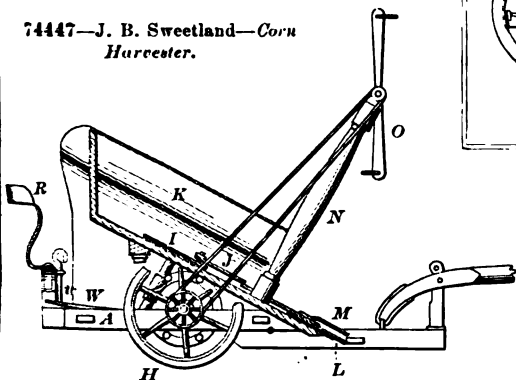


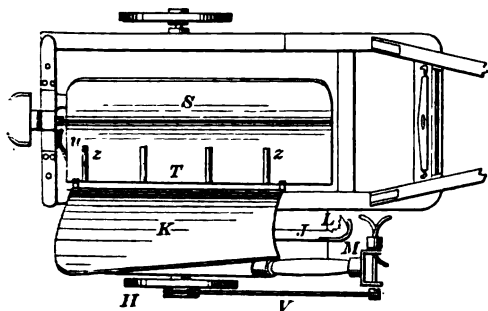
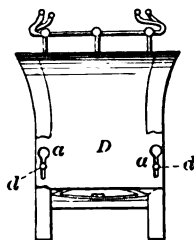
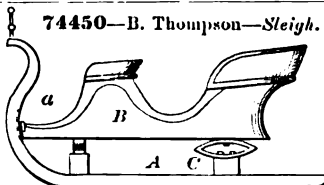
Fig. 3



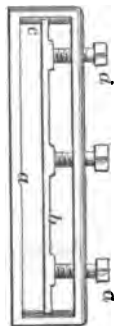
74447—J. B. Sweetland—Corn
Harvester.



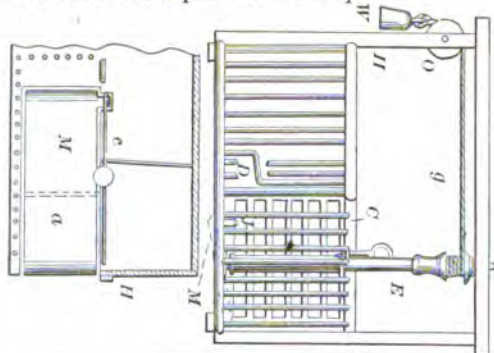
74450—B. Thompson—Sleigh.



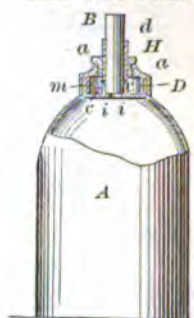
74449—J. L. Thomas—Belt Coupling.



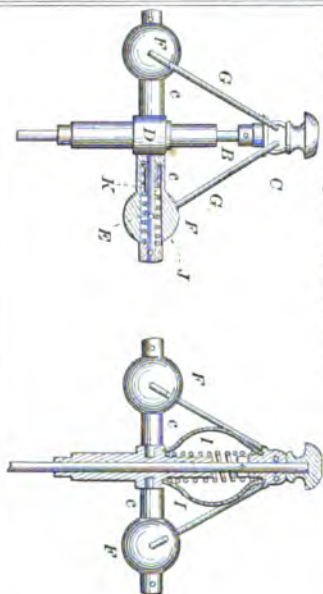
74451—J. S. Thompson—Animal Trap.



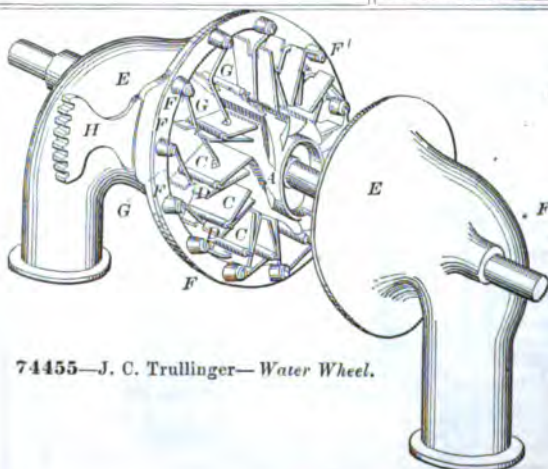
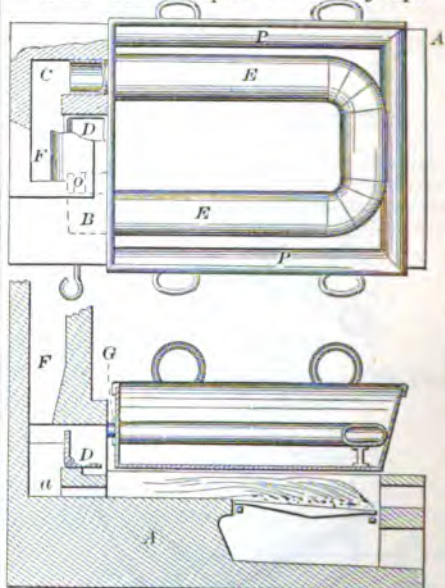
74453—W. W. Timmons—Soda Water Bottle.



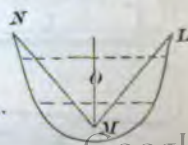
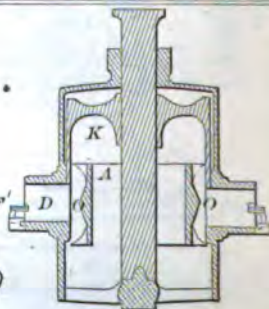
74454—J. Tremper—Steam Governor.



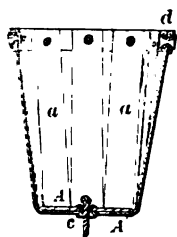
74452—J. S. Thompson—For Boiling Sap.



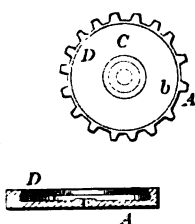
74455—J. C. Trullinger—Water Wheel.



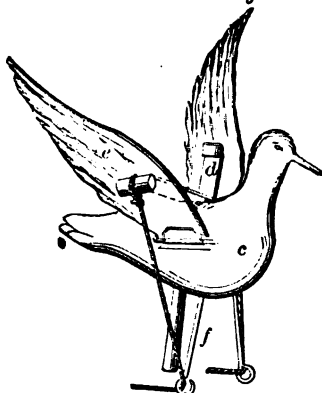
74456—P. B. Viole—
Fruit Basket.



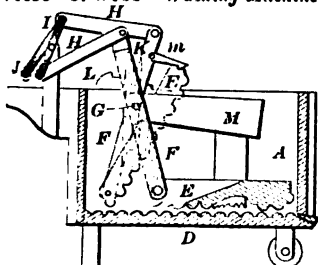
74457—A. Wadsworth—
Watch.



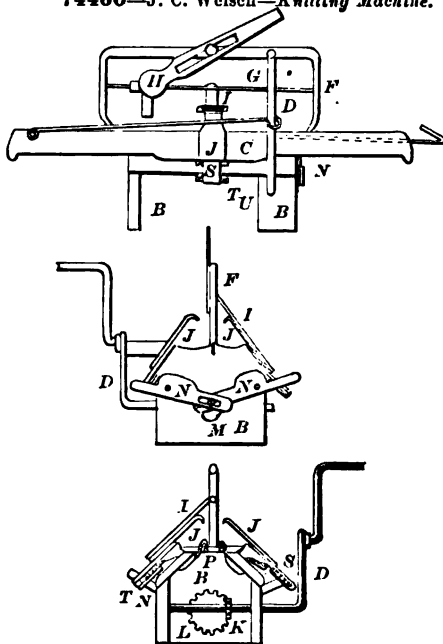
74458—N. Wales—Decoy Bird



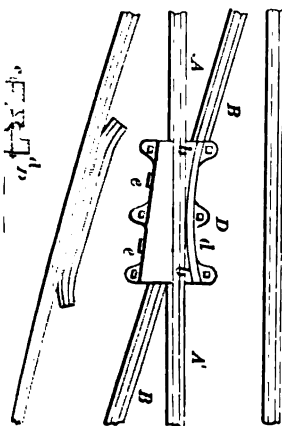
74459—J. Webb—Washing Machine.



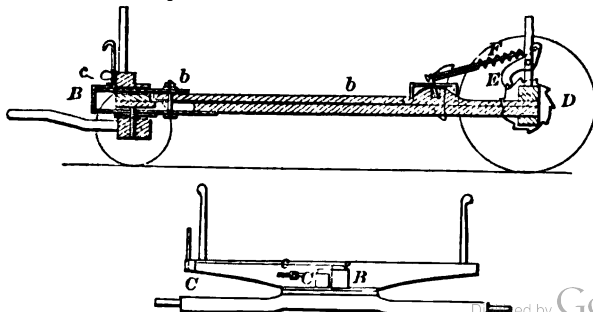
74460—J. C. Welsch—Knitting Machine.



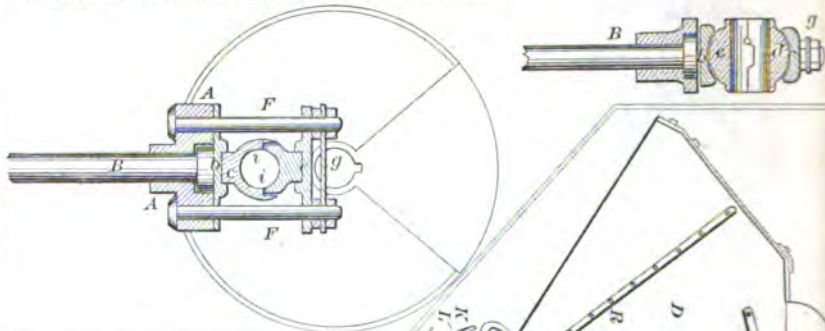
74461—W. Wharton, Jr.—Railway Frog.



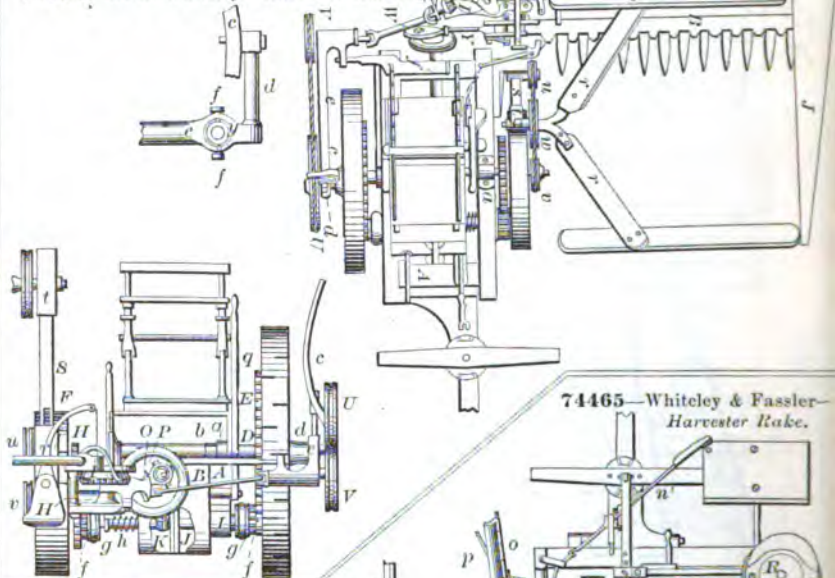
74462—B. F. Wheeler—Wagon Brake.




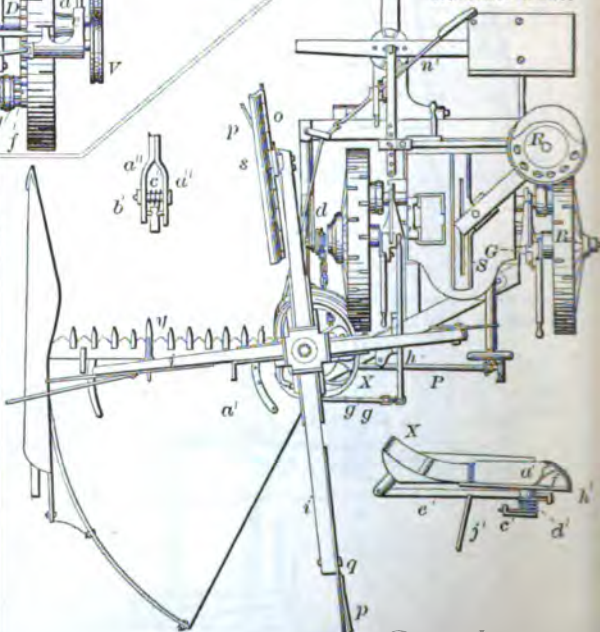
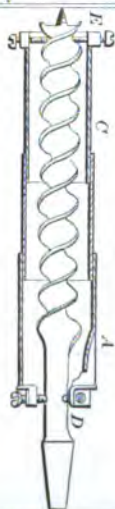
74463—C. Wheeler, Jr.—*Harvester Pitman Connection.*



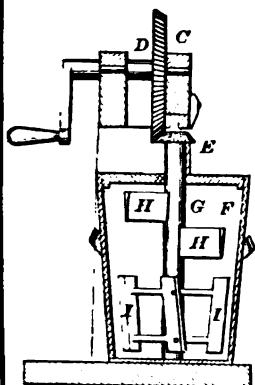
74464—W. N. Whiteley—*Harcester Rake*.



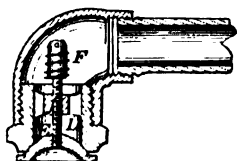
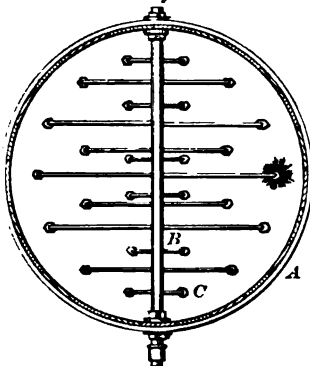
74465—Whiteley & Fassler—
 *Harvester Rake.*

74166—W. L. Whiting—*Anger betwee*

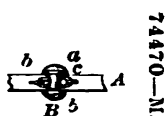
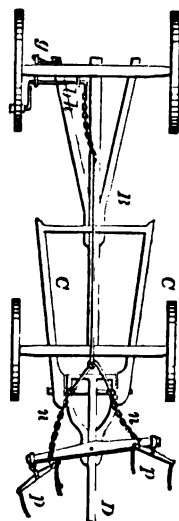
74467—C. B. Williams—
Churn.



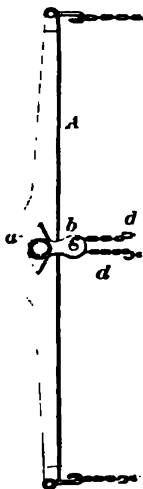
74469—Williams & Yates—
Steam Heater for Brewers.



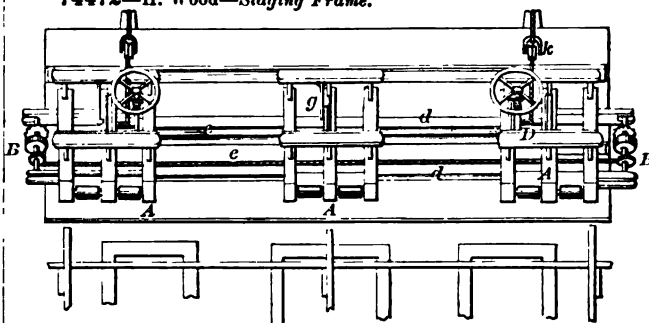
74468—J. A. & W. W. Williams—Self-Acting Wagon Brake.



74470—M. V. B. Williamson—Draught Equaliser for Doubletrees.



74472—H. Wood—Staging Frame.



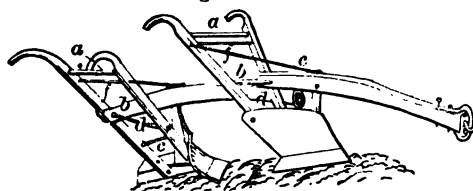
74471—M. V. B. Williamson—Doubletree.



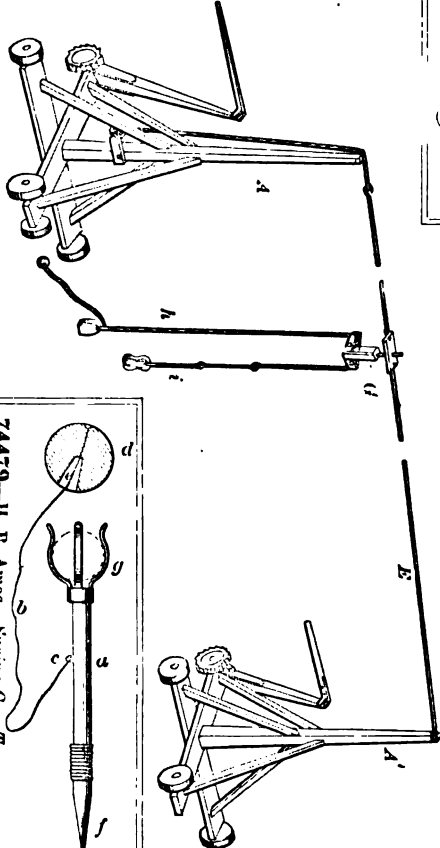
74473—J. M. Wood—Hoofing Shoe.



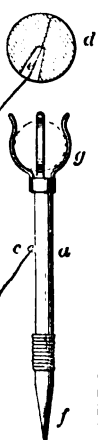
74474—W. G. Young—Plow.



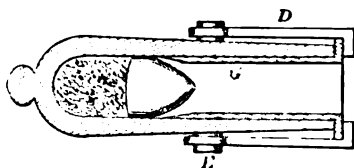
74475—A. Ralston—Animal Tether.



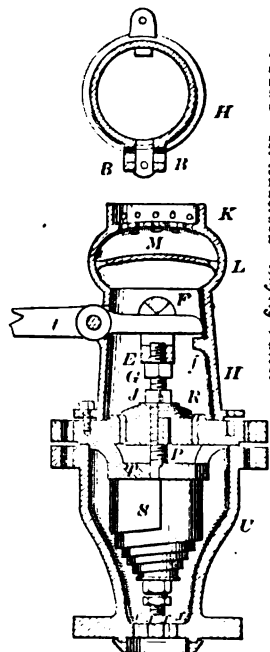
74479—H. B. Ames—Spring Cap Top.



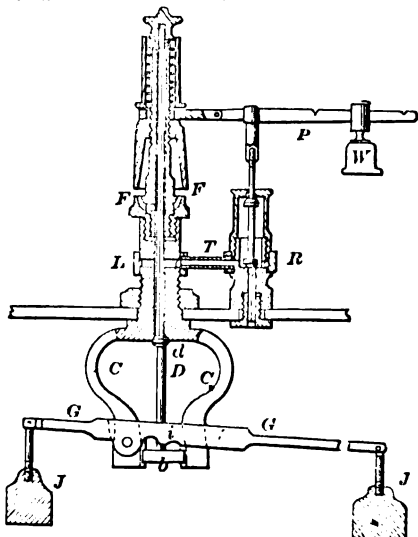
74478—F. W. Alexander—Ordnance.



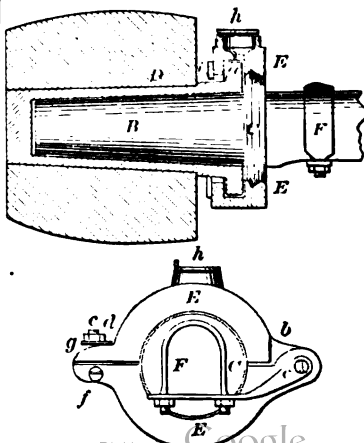
74480—H. Anderson—Safety Valve.



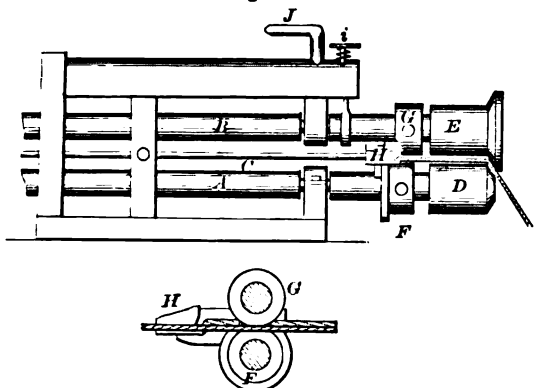
74477—T. B. Akers—Steam Generator Alarm.



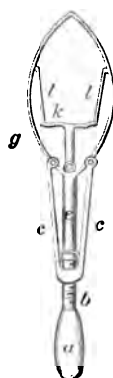
74476—L. Adams—Axle Lubricator.



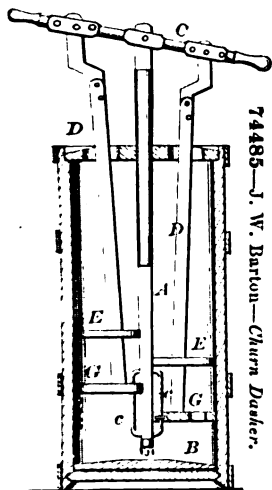
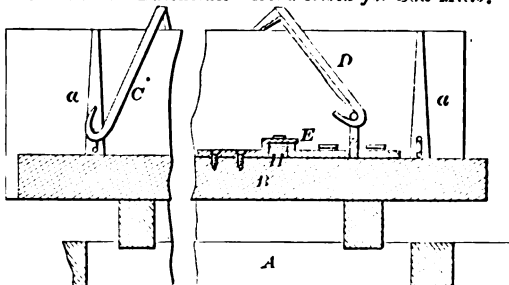
74481—P. W. Armstrong—Tinner's Die.



74482—B. Atkinson—Pancake.
74483—J. Barker—Separator Sieve.

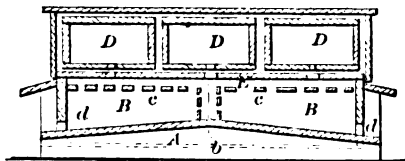


74486—H. Batchelder—Head Block for Saw Mills.

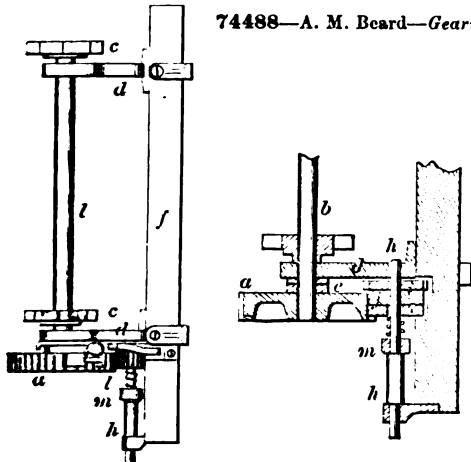


74485—J. W. Barton—Churn Dasher.

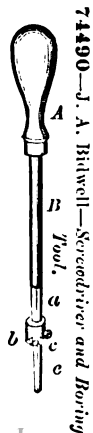
74487—D. S. Benr—Beehive.



74488—A. M. Beard—Gearing.

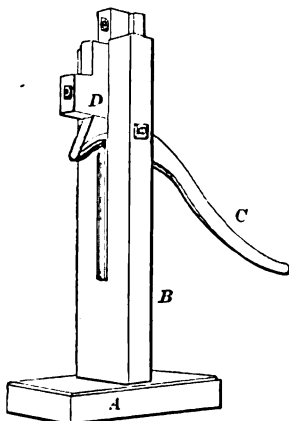


74489—J. A. Billwell—Wood Screws.

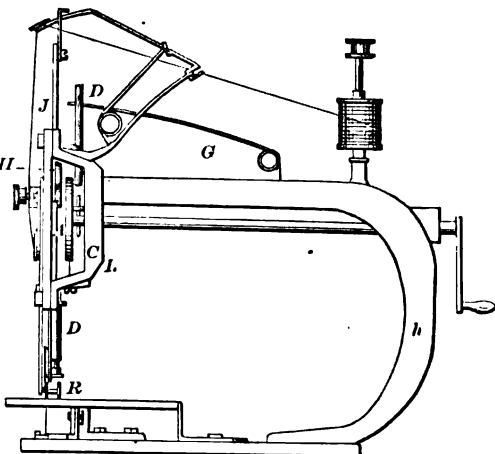


74490—J. A. Billwell—Screwdriver and Boring

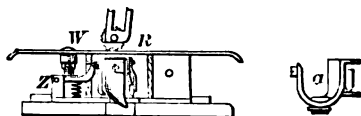
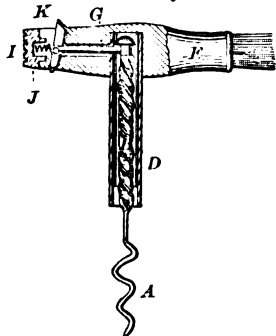
74491—Biglin & Bennett—*Wagon Jack.*



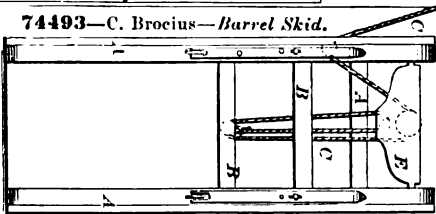
74492—F. M. Bradley—*Sewing Machine.*



74495—J. Bussey—*Corkscrew.*

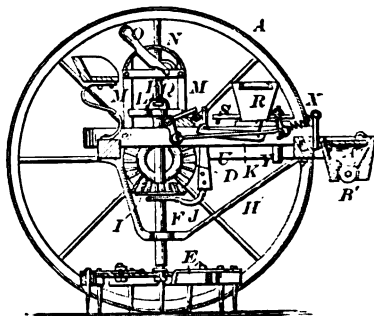
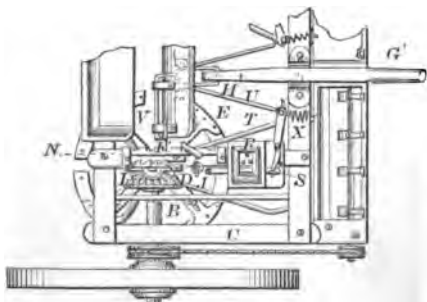


74493—C. Brocius—*Barrel Skid.*

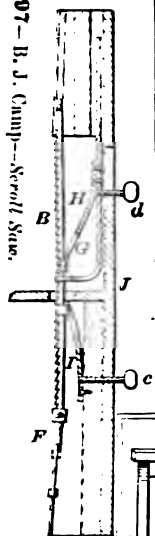


74494—S. S. Burr—*Bedstead.*

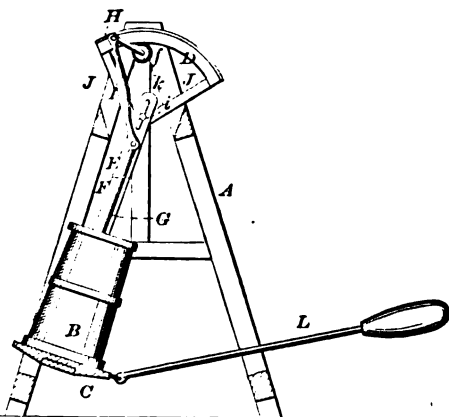
74496—W. P. Byler—*Corn Planter, &c.*



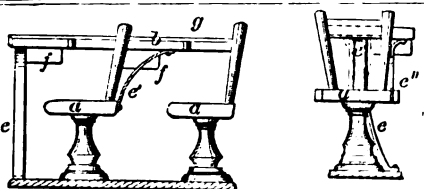
74497—B. J. Camp—Scroll Saw.



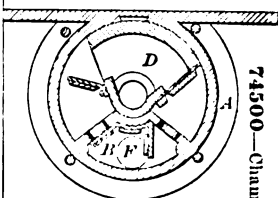
74498—Carpenter & Slaght—Churn.



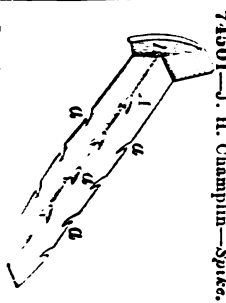
74499—J. H. Chadwick—Carriage Spring Brace.



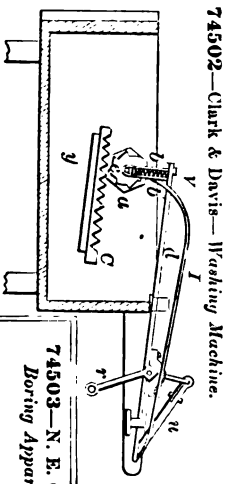
74504—M. B. Cochran—School Desk and Seat.



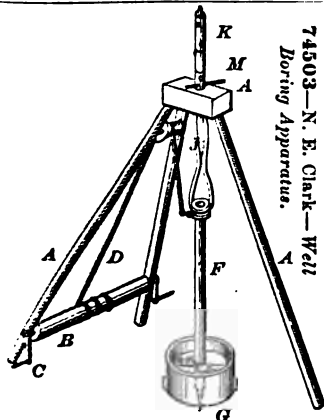
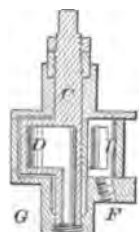
74500—Chamberlin & Garrett—Pump.



74501—J. H. Champlin—Spike.

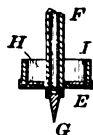
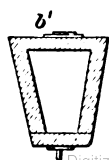
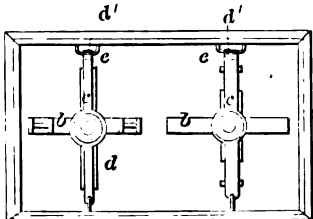


74502—Clark & Davis—Washing Machine.

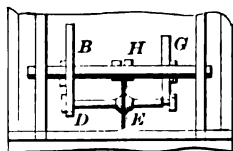
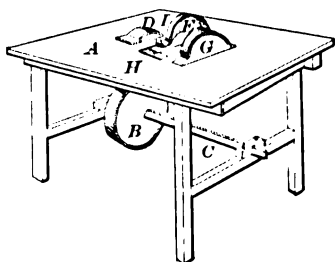


74503—N. E. Clark—Well Boring Apparatus.

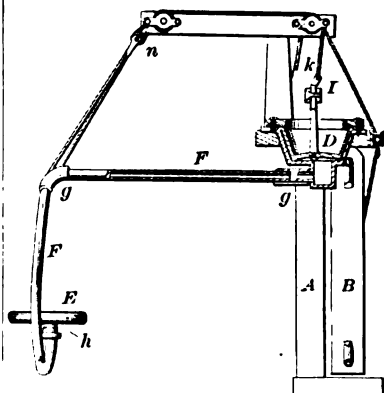
74505—J. T. Coe—Churn.



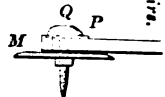
74506—J. Collins, Jr.—For Cutting Rugs.



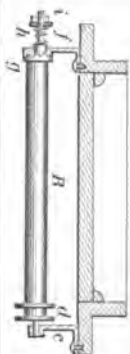
74507—L. O. Colvin—Cow Milking Machine.



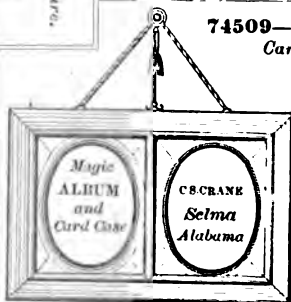
74510—W. G. Creamer—Seat Arm for Railroad Chairs.



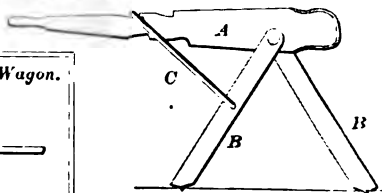
74508—J. M. Corns—Curtain Picture.



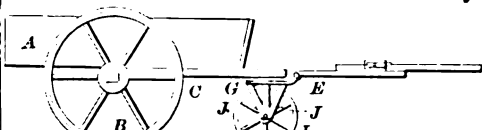
74509—C. S. Crane—Card Safe.



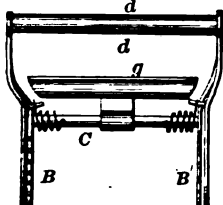
74512—A. M. Culver—Lifting Jack.



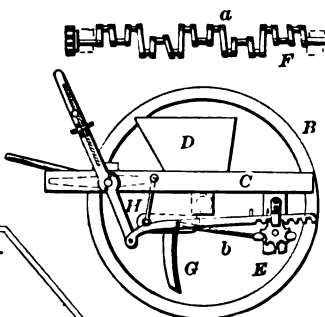
74511—L. T. Crockett—Three-Wheeled Farm Wagon.



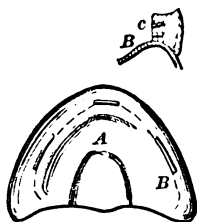
74514—J. B. F. Davidge—
Blower Holder.



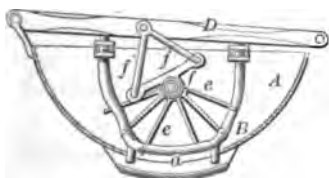
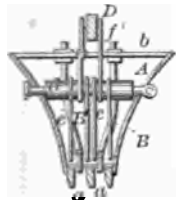
74515—C. F. Davis—Grain Drill.



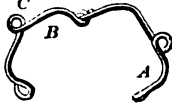
74516—G. L. Derr—
Setting Artificial Teeth.



74518—Doolittle & Crowder—
Cotton Seed Planter.

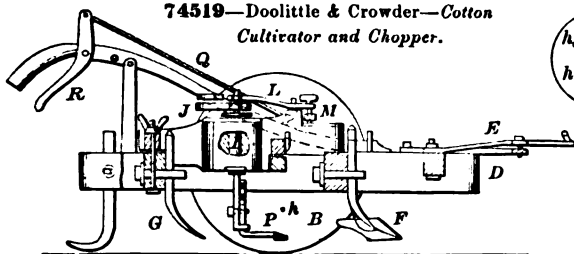


74517—E. L. Dickey—

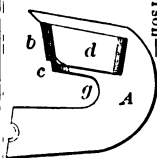


Bag Clasp.

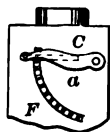
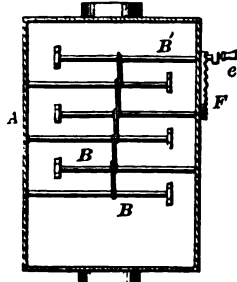
74519—Doolittle & Crowder—Cotton
Cultivator and Chopper.



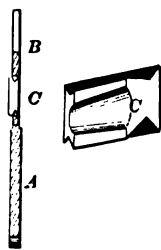
74521—J. F. Emerson—
Saw.



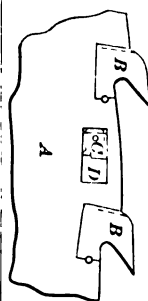
74520—Dowe & Colton—Stove Pipe Drum.



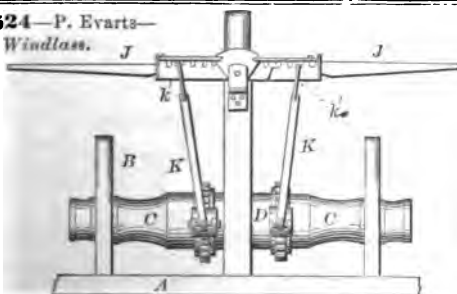
74522—Emerson & Winsor—Saw.



74523—Emerson & Winsor—Saw.



74524—P. Everts—
Windlass.



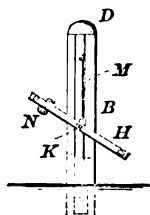
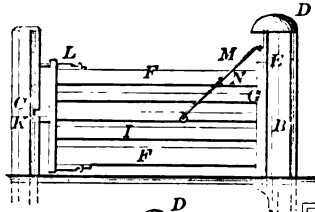
74525—J. Fearn—Boot Heel.



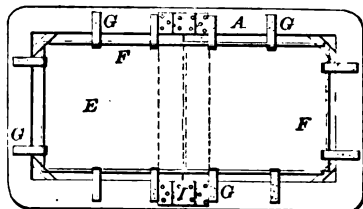
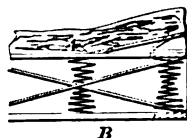
74526—A. C. Fletcher—Grate Bar.



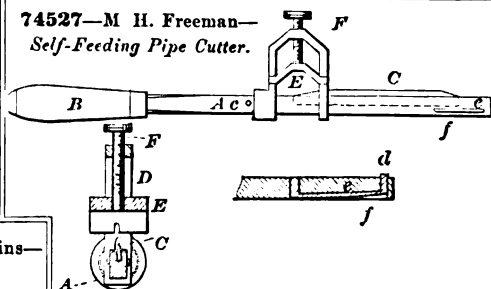
74529—C. E. Goodwin—Farm Gate.



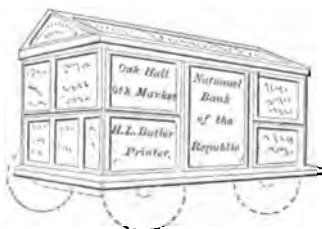
74528—A. Gehhard—Spring Mattress.



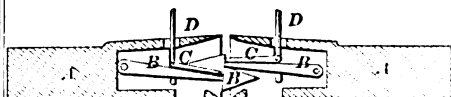
74527—M. H. Freeman—Self-Feeding Pipe Cutter.



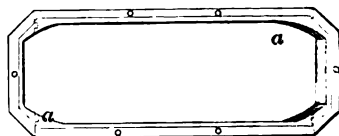
74530—Harris, Roseman & Hutchins—Advertising Carriage.



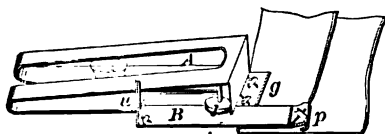
74532—J. C. Heaton—Car Coupling.



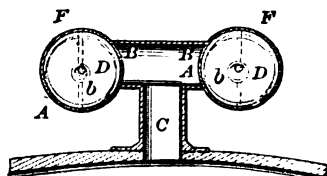
74531—J. R. Hathaway—Burial Case.



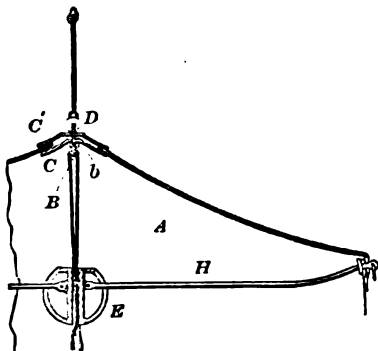
74533—W. H. Heyer—Hemmer, Marker, &c., for Sewing Machines.



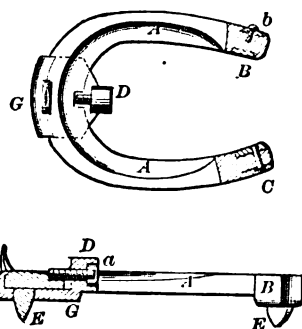
74534—M. T. Hitchcock—Car Ventilator.



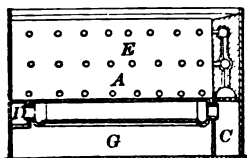
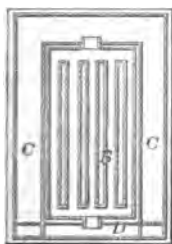
74535—J. B. Holmes—Canopy for Bed Nettings.



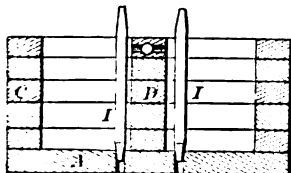
74539—N. W. Hubbard—Horse Shoe.



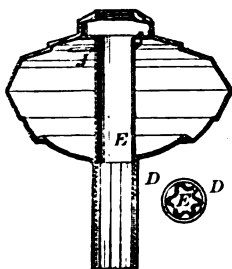
74536—M. L. Horton—Furnace.



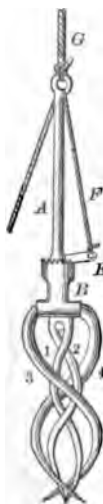
74540—J. Huber—Tan Vat.



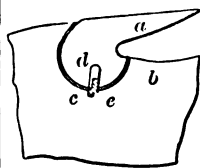
74542—J. Ingersoll—Lamp.



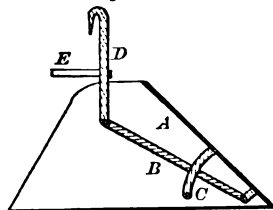
74538—D. J. Hovenstine—Horse Hay Fork.



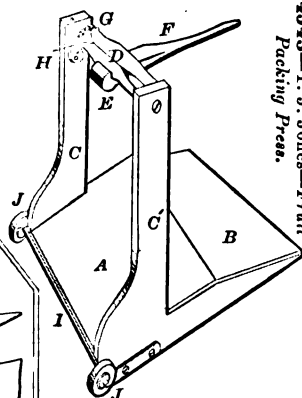
74541—E. Humphrey—Saw.



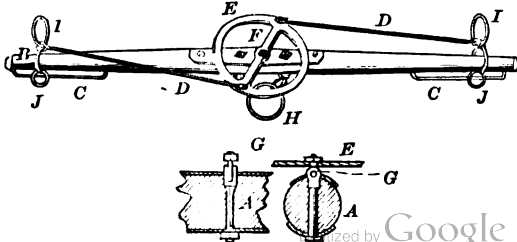
74537—W. H. Horton—Lamp Shade.

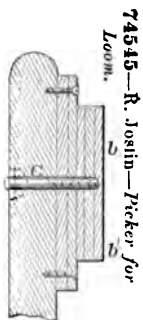
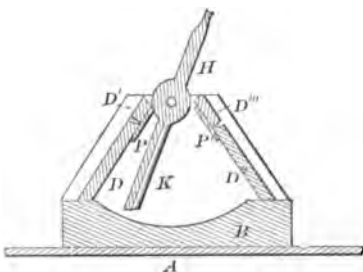
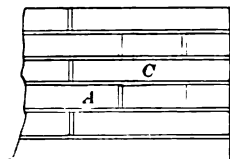
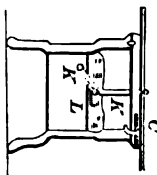
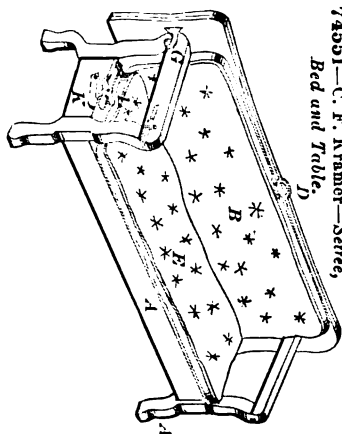
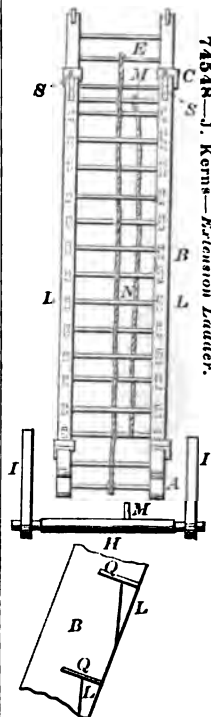
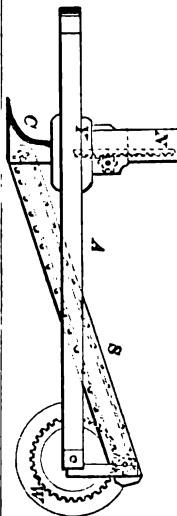
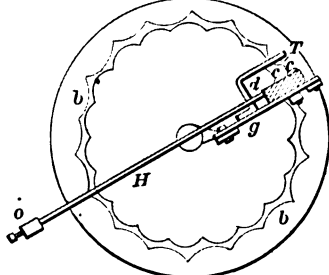
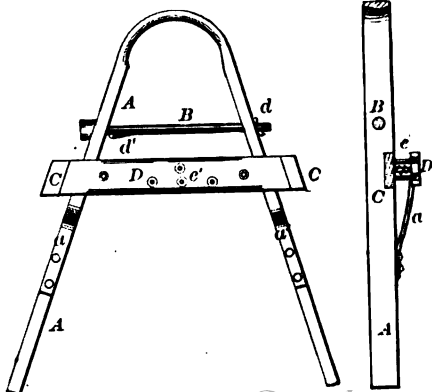


74543—T. J. Jones—Fruit Packing Press.

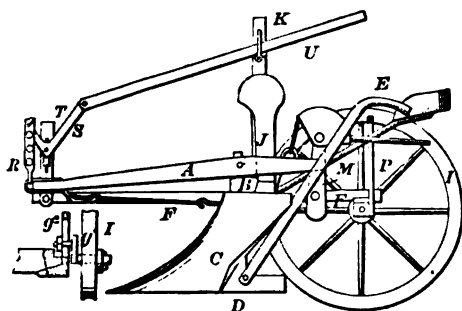


74544—T. J. Jones—Neck Yoke.

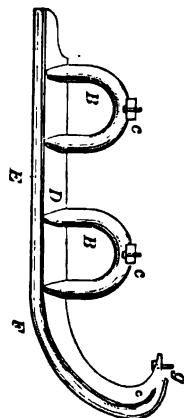


74546—S. Keen—*Butter Worker.*74547—J. Kelly—*Sea Wall.*74550—T., R. & S. Knowles—*Harvester Cutter.*74552—I. Lancaster—*Harvester.*74553—M. & S. C. Leonard—*Animal Tether.*

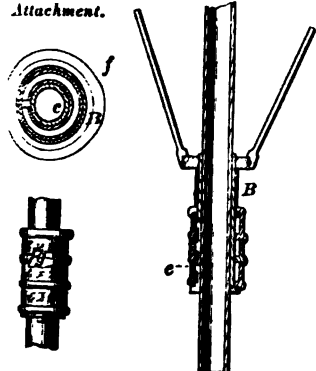
74554—E. Levee—Sulky Plow



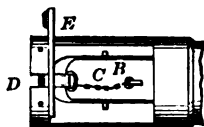
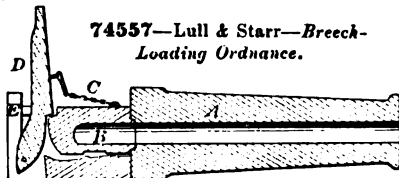
74556—Lockwood & Frederick—Sleigh Runner.



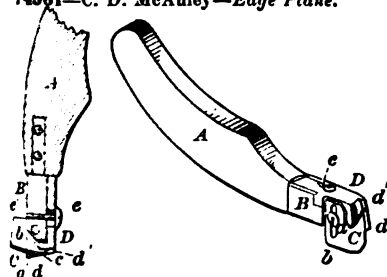
74555—Lieb & Crane—Umbrella Attachment.



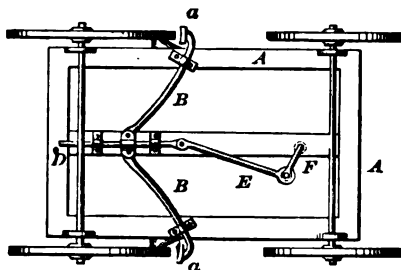
74557—Lull & Starr—Breech-Loading Ordnance.



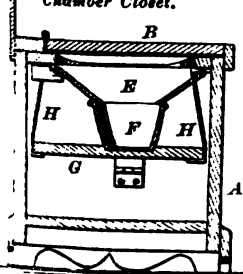
74561—C. D. McAuley—Edge Plane.



74559—H. B. Marshall—Vehicle Brake.



74558—W. J. Lyman—Chamber Closet.

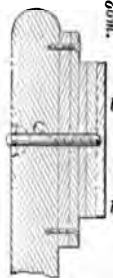


74560—T. F. Maury—Tooth Brush.



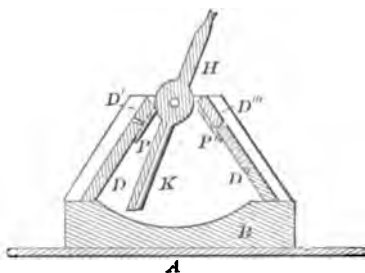
74562—L. P. McCarty—Newspaper File.



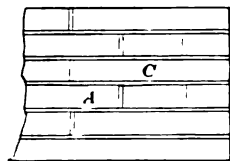


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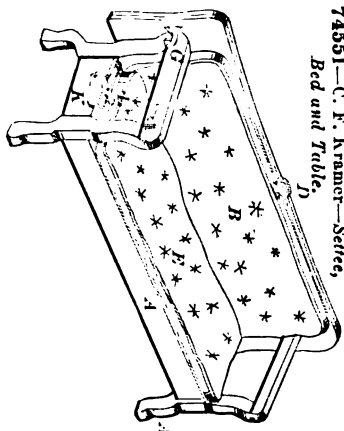
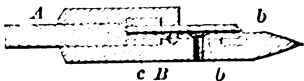
74546—S. Keen—Butter Worker.



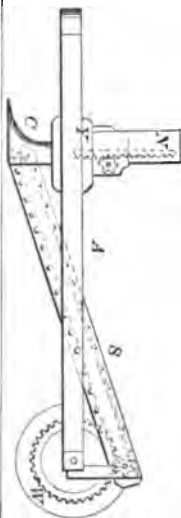
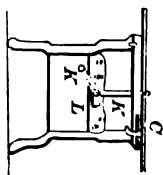
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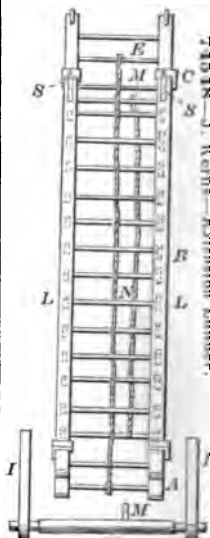
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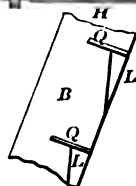
74551—C. F. Kramer—Sette, Bed and Table.



74549—J. King—Ditching Machine.

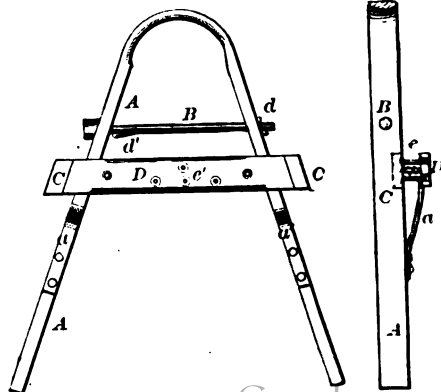
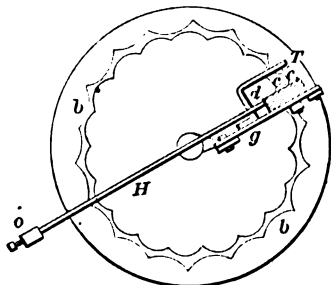


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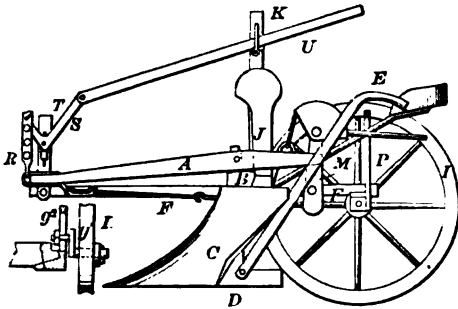


74553—M. & S. C. Leonard—Animal Tether.

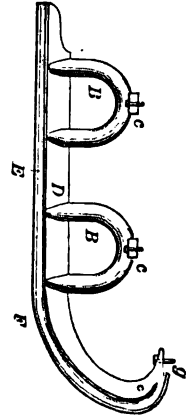
74552—I. Lancaster—Harvester.



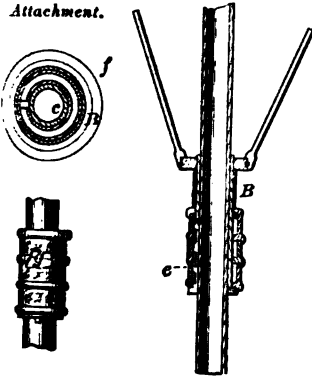
74554—E. Levee—Sulky Plow



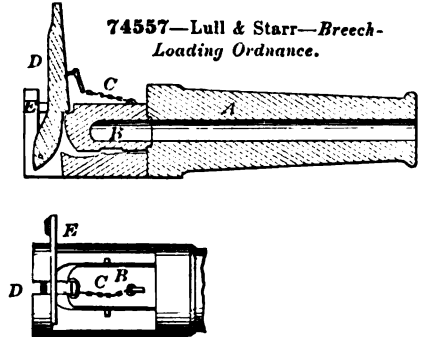
74556—Lockwood & Frederick—Sleigh Runner.



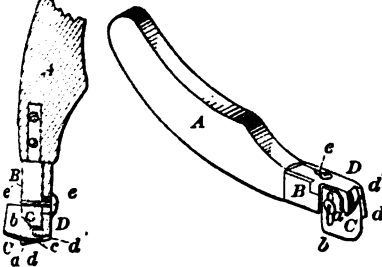
74555—Lieb & Crane—Umbrella Attachment. 



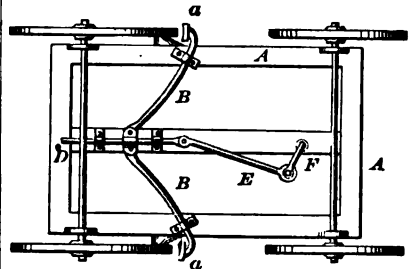
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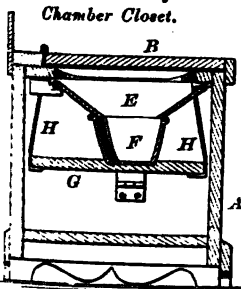
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74559—H. B Marshall—Vehicle Brake.



74558—W. J. Lyman—
Chamber Closet.



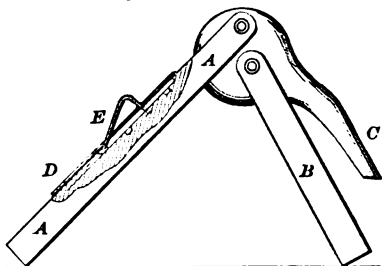
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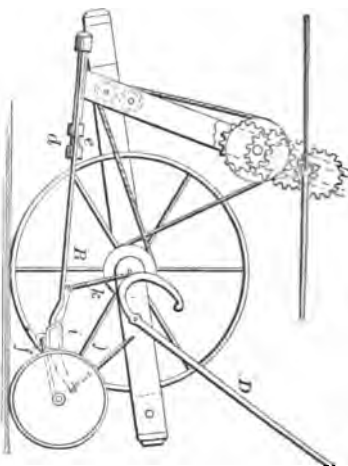
74562—L. P. McCarty—Newspaper File.



74576—A. Myers—Carriage Jack.

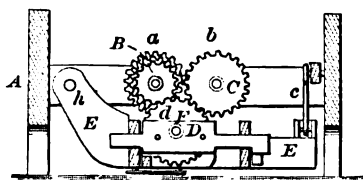
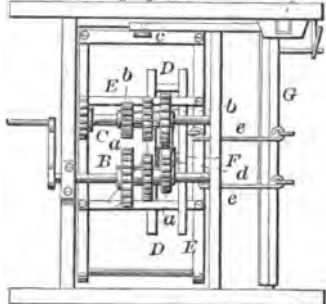


74577—W. Neff—Harvester.

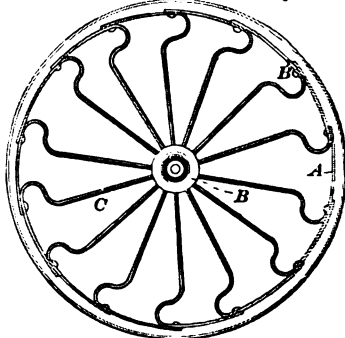


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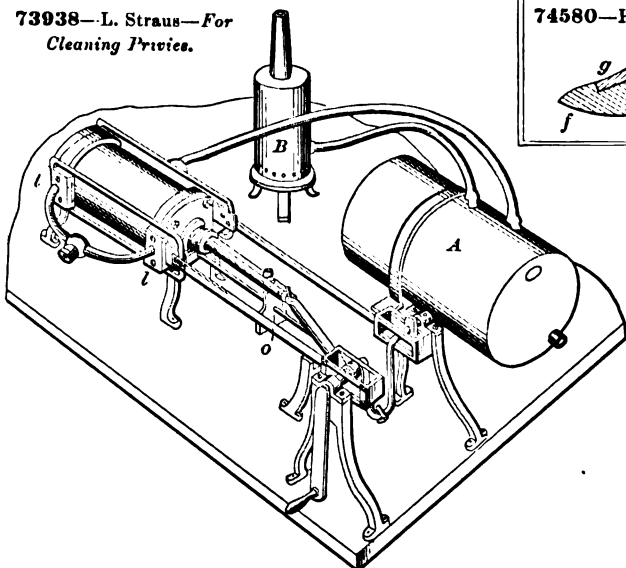
74578—R. L. Nelson—Device for Changing Feed.



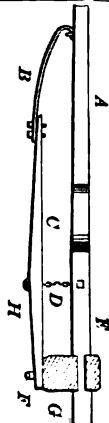
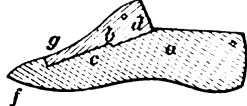
74579—T. & J. Nevison—Carriage Wheel.



73938—L. Straus—For Cleaning Privies.

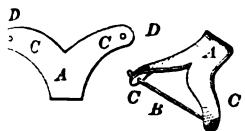


74580—P. A. Newhall—Last.

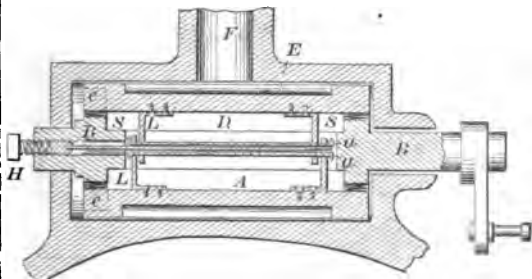


74581—D. C. Newton—Wagon Pole Support.

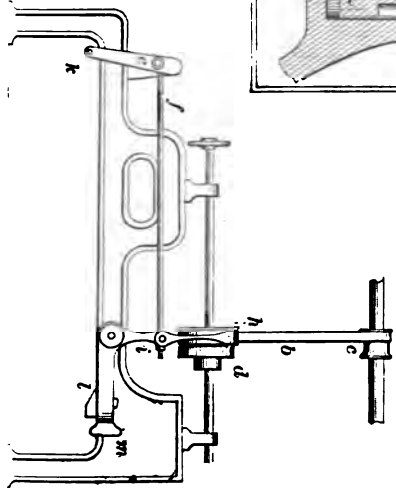
74582—G. & W. L. Nixon—
To Prevent Hogs from Rooting.



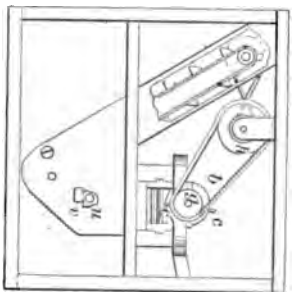
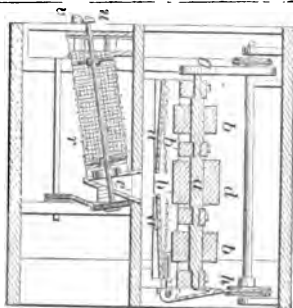
74583—W. Ord—Steam Engine Valve.



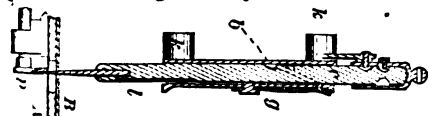
74585—Paley & Rawsthorn—Spinning Mule.



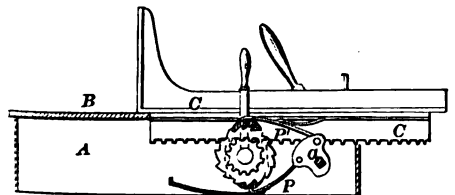
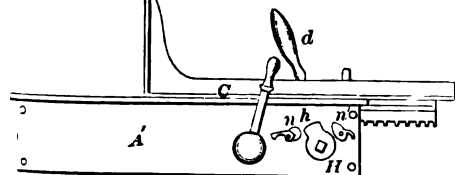
74586—Pearson & Coburn—For Cutting and Separating
Dry Woods.



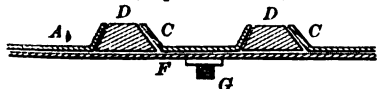
74584—T. C. Page—Sewing Machine.



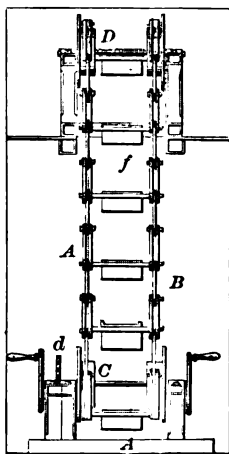
74588—B. P. Perry—Head Block for Saw Mills.

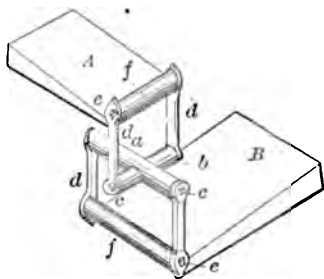
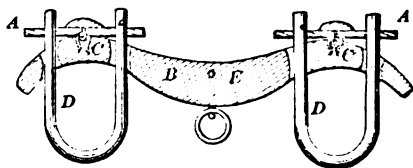
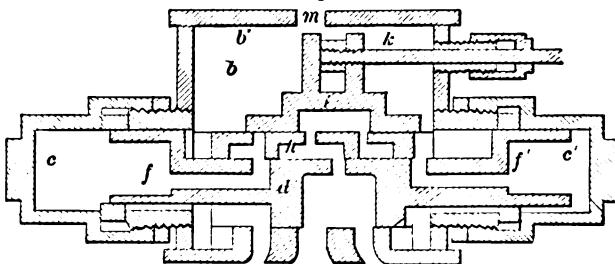
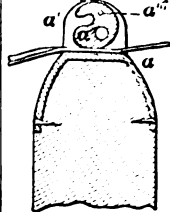
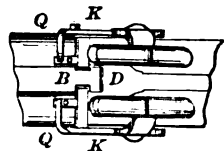
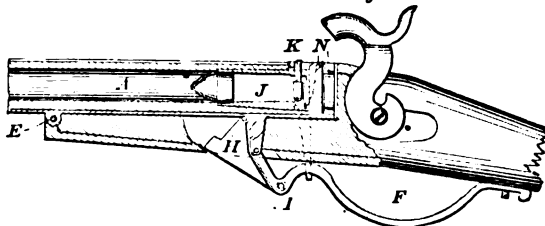
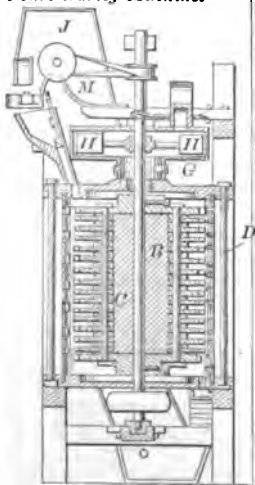
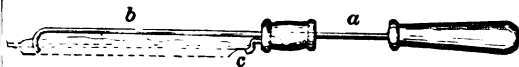
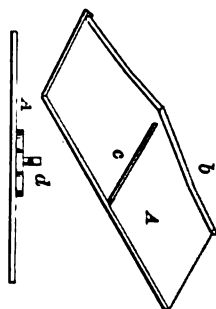
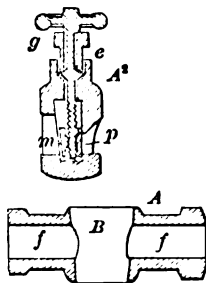


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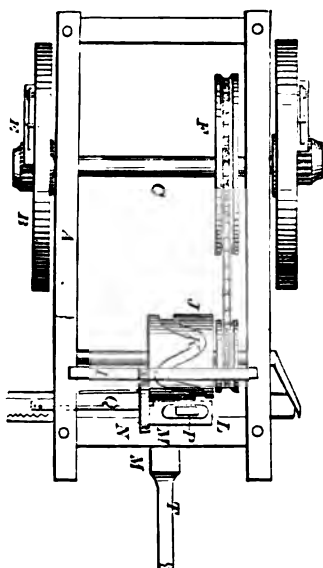


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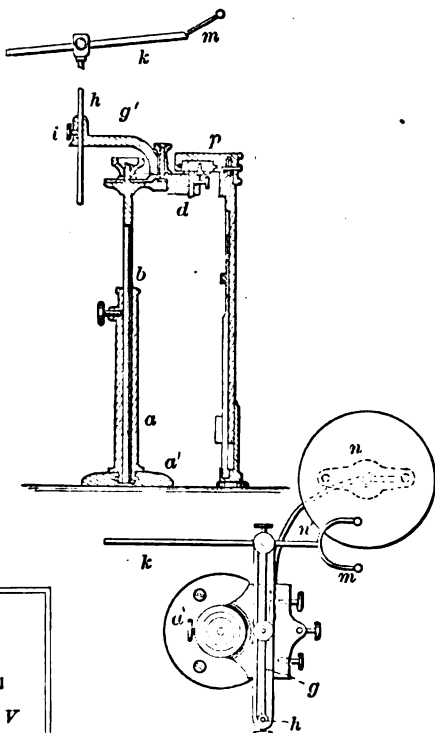


74591—J. Price—*Wagon Shackle.*74592—H. Rawson—*Yoke.*74593—J. Reichmann—*Steam Engine Valve.*74596—
R. N. Roberts—*Hitching Post Cap.*74594—S. S. Rembert—*Breech-Loading Fire Arm.*74595—W. Rickard—*Pearl Barley Machine.*74598—G. O. Roe—*Plate Lifter.*74597—L. C. Rodier—*Steam Globe Valve.*74599—E. T. Rogers—*Horns and Shoes.*

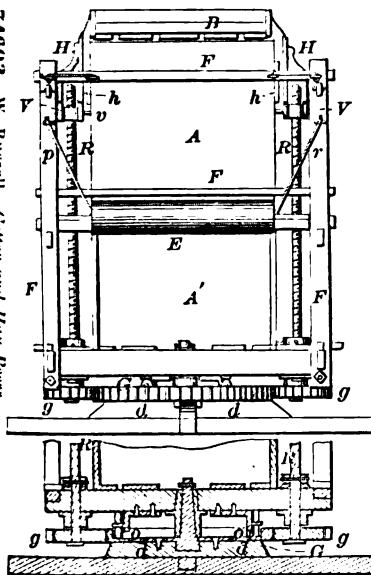
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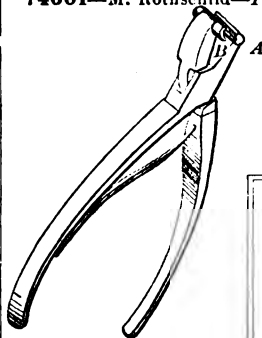
74604—N. Sarony—Photographic Rest.



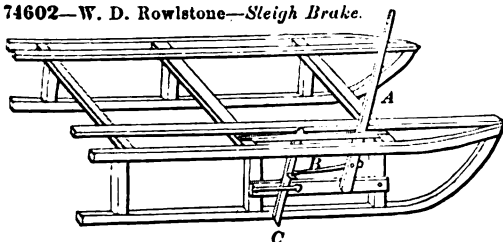
74603 W. Russell—Cotton and Hay Press.



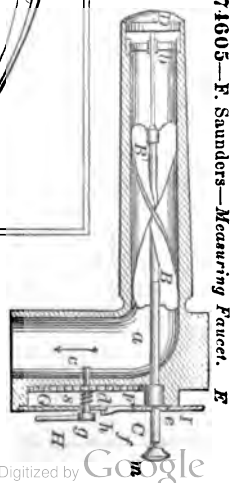
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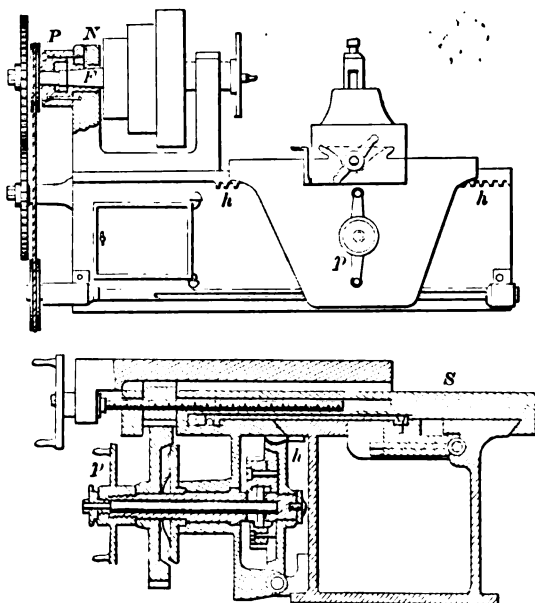
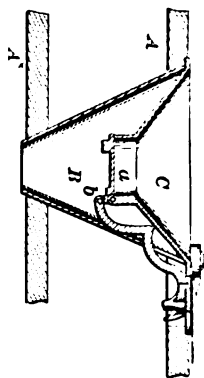
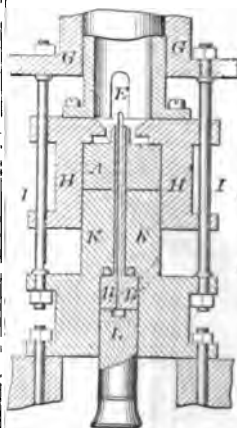
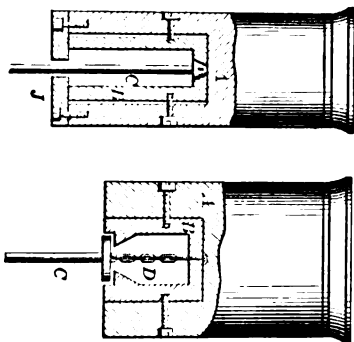
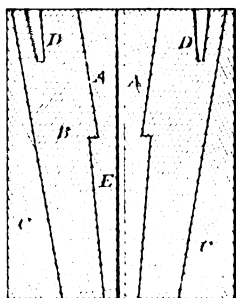
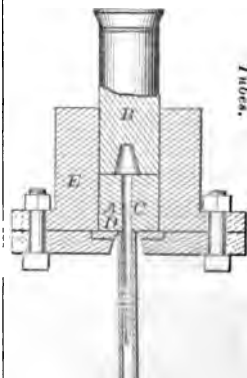
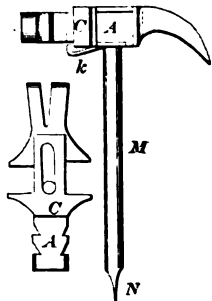


74602—W. D. Rowstone—Sleigh Brake.

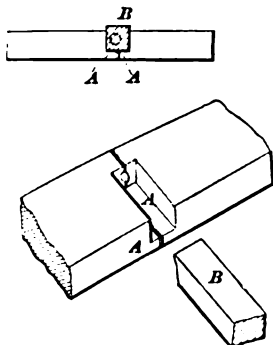


74605—F. Saunders—Measuring Faucet.

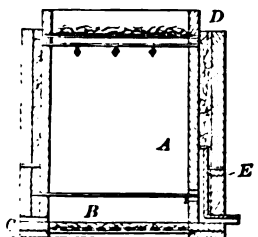


74609—W. Sellers—*Lathe for Turning Iron.*74610—J. H. Seymour—*Splintoon for Cars.*74612—W. A. Shaw—*Manufacture of Tin-Lined Lead Pipe.*74611—W. A. Shaw—*Manufacture of Tin-Lined Lead Pipe.*74613—W. A. Shaw—*Lead Pipe.*74614—W. A. Shaw—*Making Taperin Tubes.*74615—O. Shepard—*Hammer*

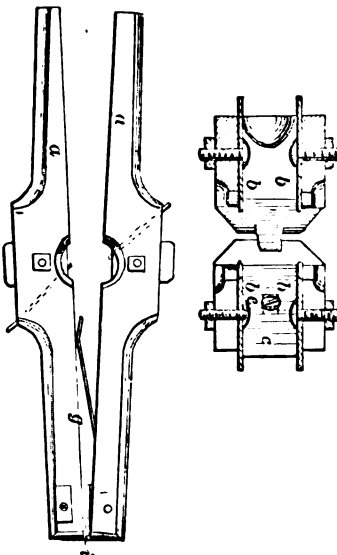
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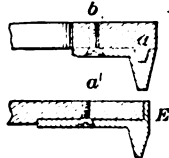
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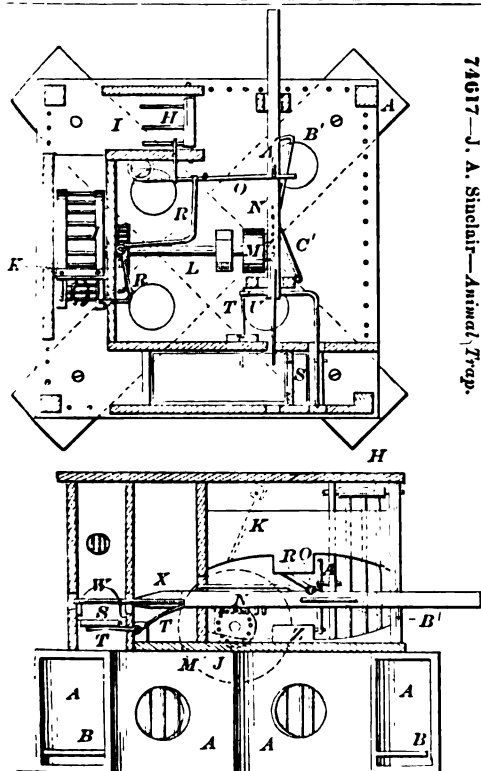
74619—R. T. Satterley—Relieving Tobacco.



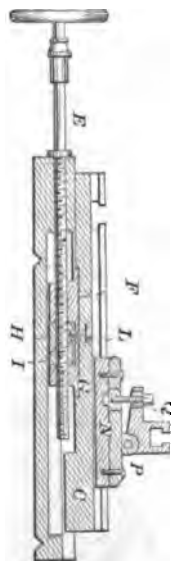
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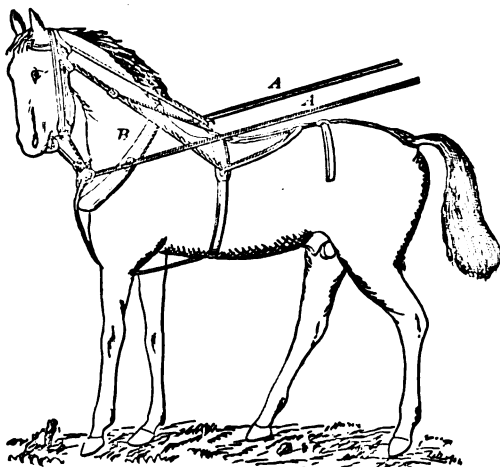
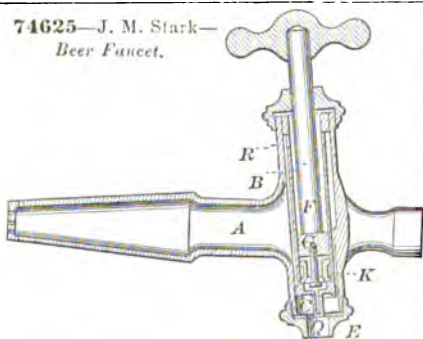
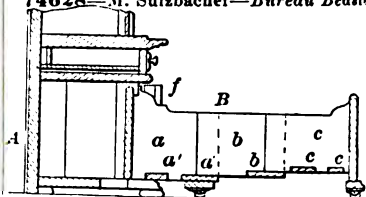
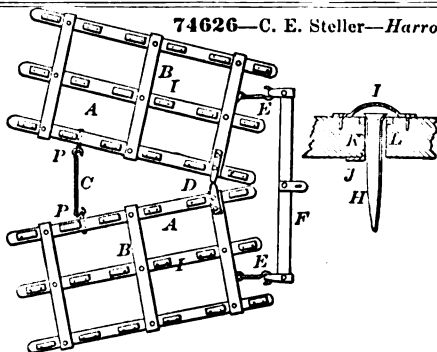
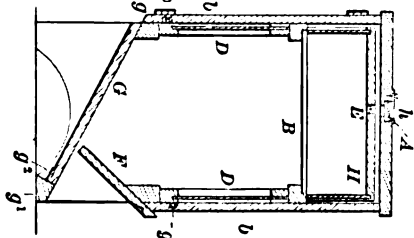
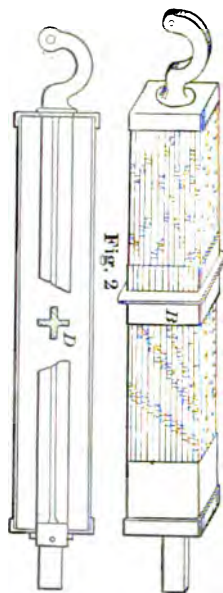
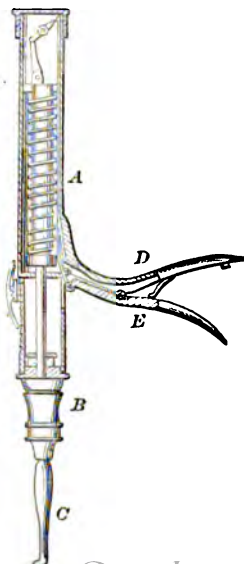


74617—J. A. Sinclair—Animal Trap.

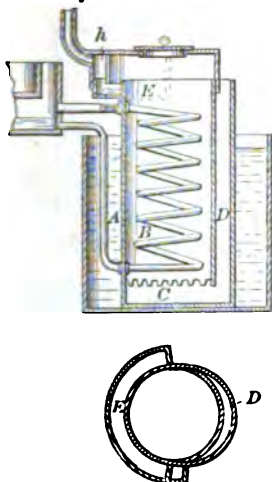


74621—H. K. Smith—Lath Rest.

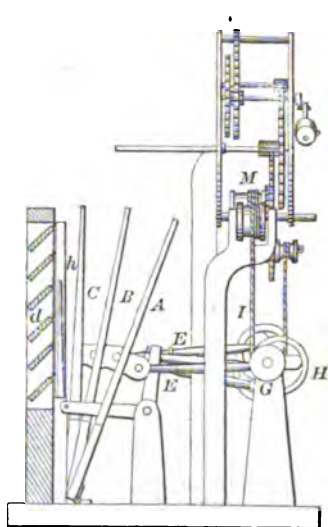


74623—J. J. Smokey—*Harness*74625—J. M. Stark—*Beer Faucet.*74628—M. Sulzbacher—*Bureau Bedstead*74626—C. E. Steller—*Harrow.*74627—H. A. Stidger—*Beehive.*74624—G. A. Smythe—*Calculating Slide Frame.*74629—S. C. Taylor—*Dental Instrument.*

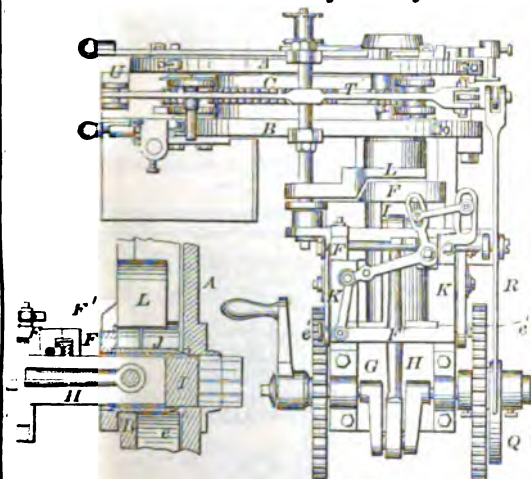
74630—W. H. Thomas—*Water Heater for Baths.*



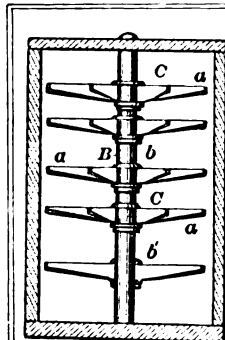
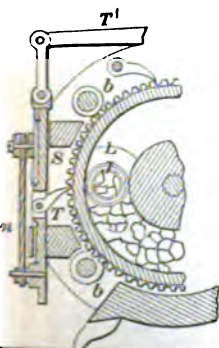
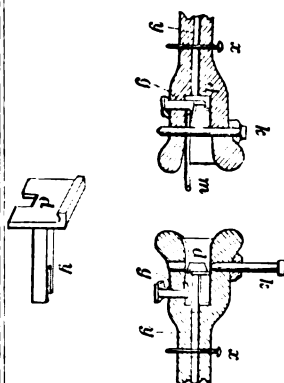
74632—I. P. Tice—*Wind Mill.*



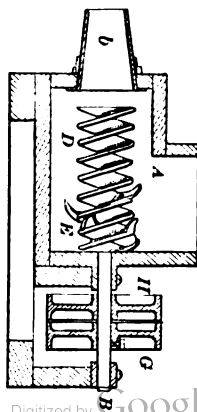
74634—L. Tilton—*For Bundling Kindling Wood.*



74631—S. & W. Thorpe—*Car Coupling.*

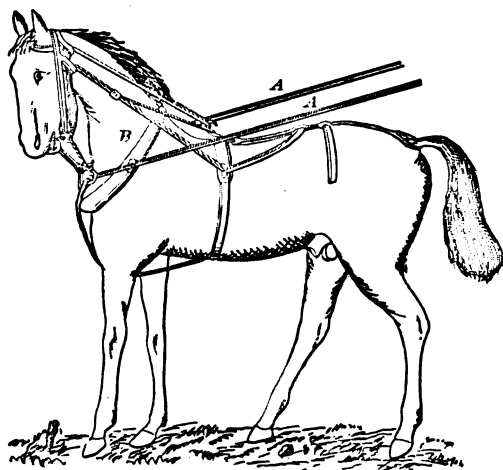
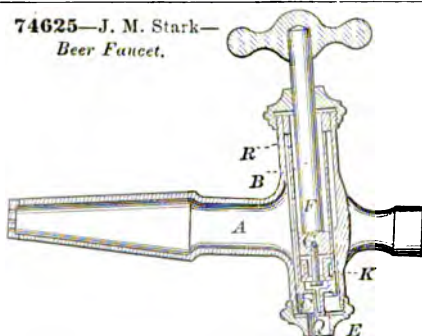


74633—I. P. Tice—*Milk Rack.*

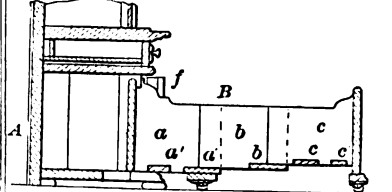


74635—J. Tishler—*Peat Machine.*

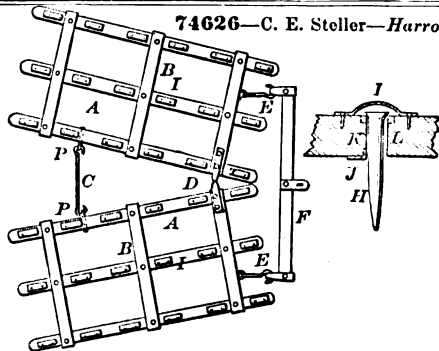
74623—J. J. Smokey—Harness

74625—J. M. Stark—
Beer Faucet.

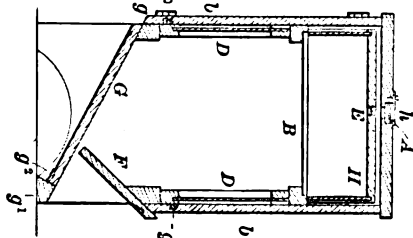
74628—M. Sulzbacher—Bureau Bedstead



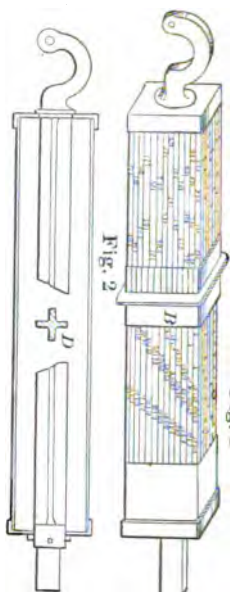
74626—C. E. Steller—Harrow.



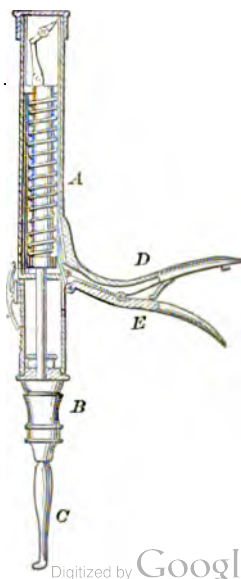
74627—H. A. Stidger—Beehive.



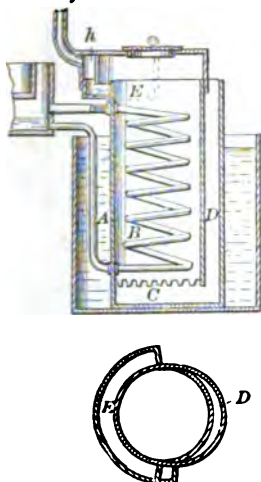
74624—G. A. Smythe—Calculating Scale Beam.



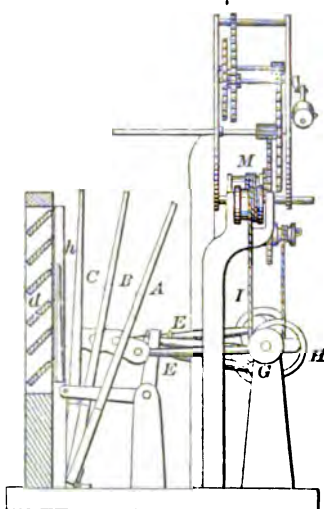
74620—S. C. Taylor—Dental Instrument.



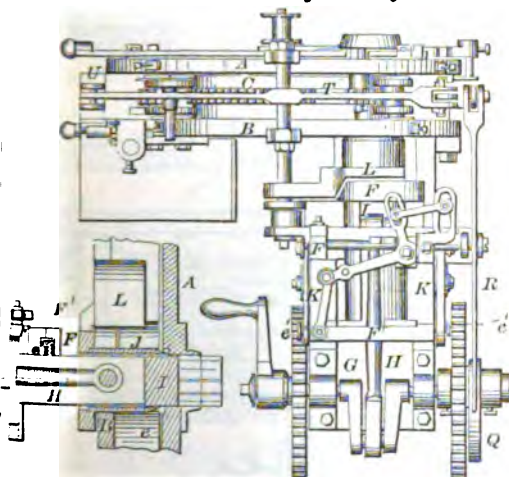
74630—W. H. Thomas—Water Heater for Baths.



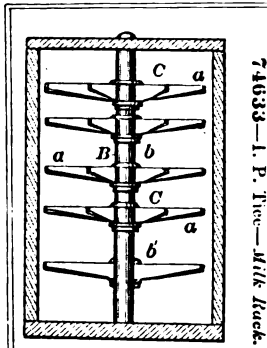
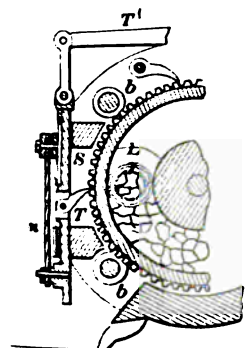
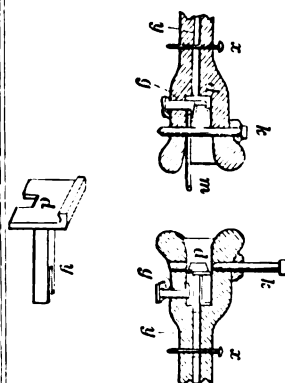
74632—I. P. Tice—Wind Mill.



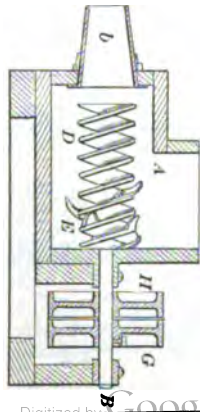
74634—L. Tilton—For Bundling Kindling Wood.



74631—S. & W. Thorpe—Car Coupling.

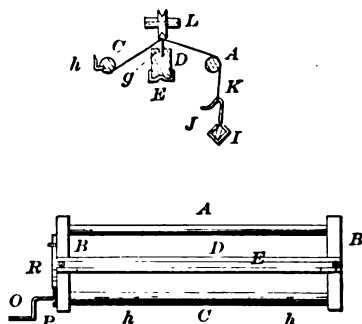


74633—I. P. Tice—Milk Hack.

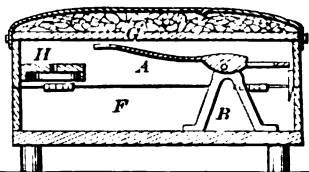
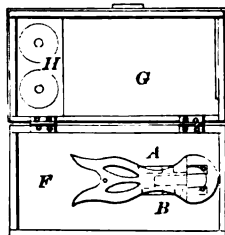


74635—J. Tisdale—Peat Machine.

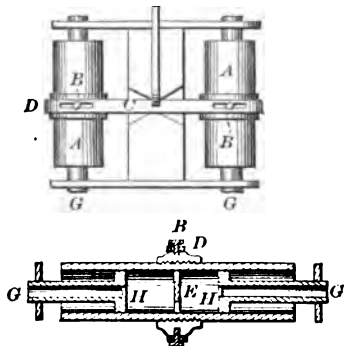
74636—A. W. Todd—Frame for Moving Cloth.



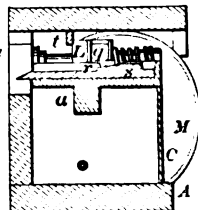
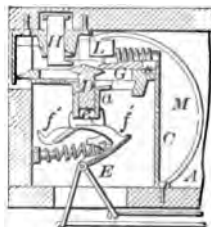
74637—J. Vandercar—Boot Blacking Apparatus.



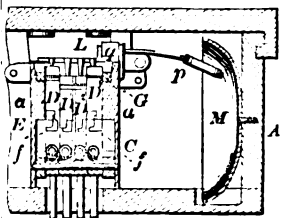
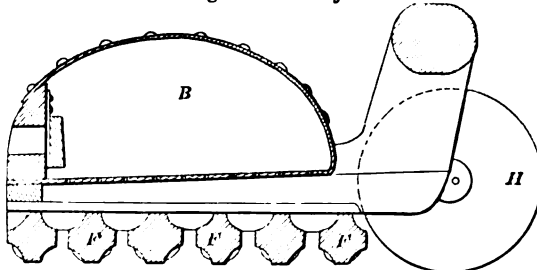
74638—Vaughan & McGee—Pump.



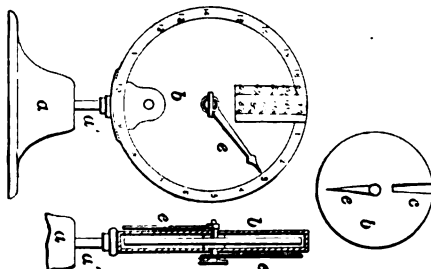
74639—J. J. Wagenhorst—Till Alarm and Lock.



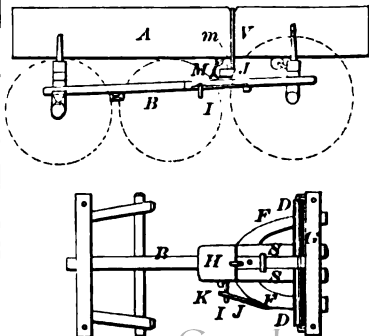
74640—C. E. Wahlgren—Washing Machine.



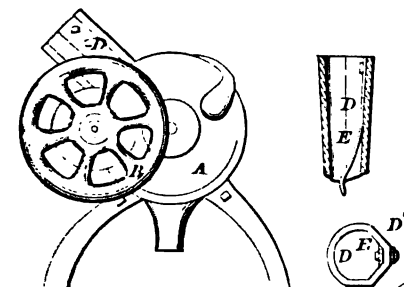
74641—T. Wallworth—Computing Apparatus.



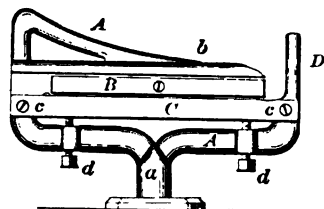
74642—J. Walton—Wagon Brake.



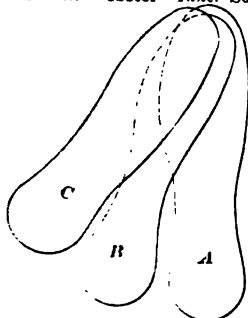
74643—J. Warren—Corn Sheller.



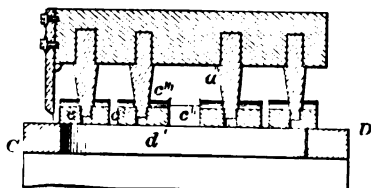
74644—W. G. Watson—Silk Cleaner.



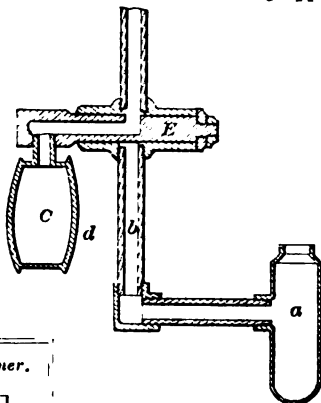
74645—R. Webster—Inner Sole.



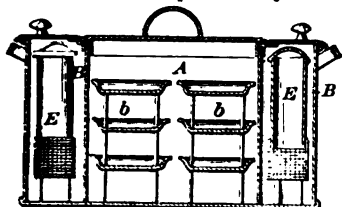
74646—B. G. Welch—Gang Punch.



74648—A. J. White—Oil Burning Apparatus.



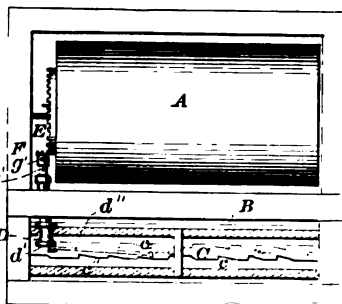
74647—West & Camp—Culinary Boiler.



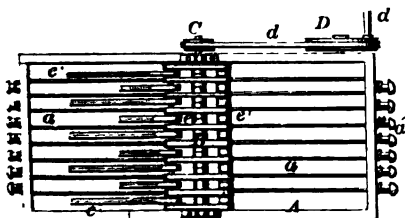
74649—E. P. Whitney—Carriage Curtain Fastener.

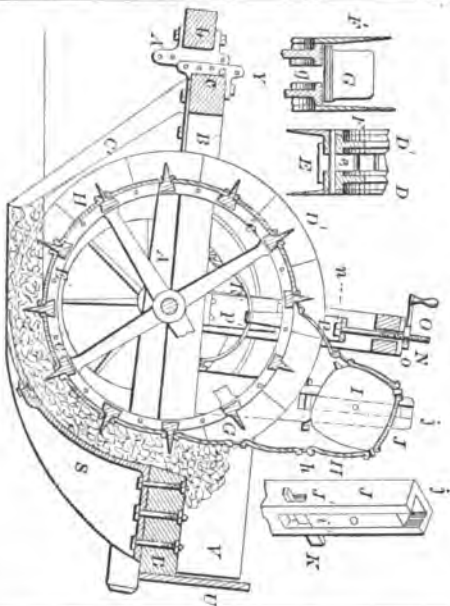
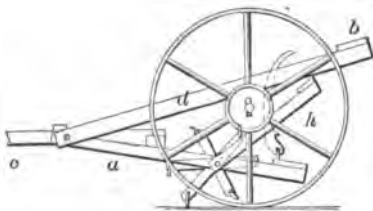
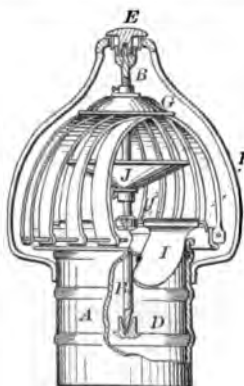
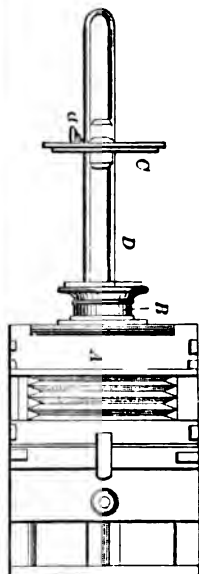
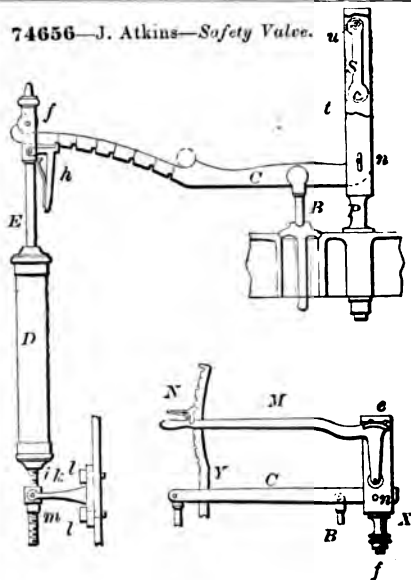


74651—D. Wilber—Seed Sower and Field Roller.

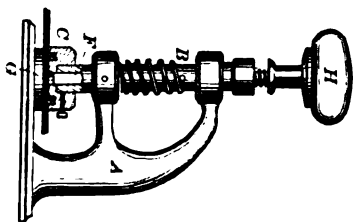


74650—A. S. Whittemore—Grain Thresher.

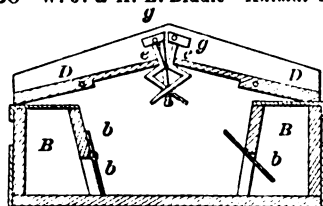


74652—J. D. & J. H. Wilde—*Cornstalk Cutter.*74653—L. M. Williams—*Ditching Machine.*74654—E. Wolf—*For Vignetting Photographic Negatives.*74655—H. D. North—*Venturimeter.*74656—J. Atkins—*Safety Valve.*

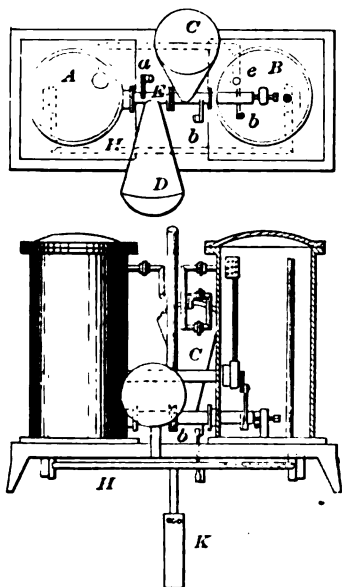
74657—J. H. Berret—Hand Stamp.



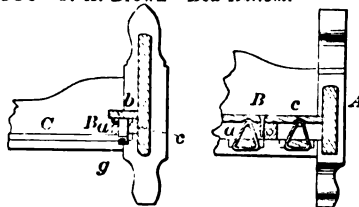
74658—W. J. & H. L. Biddle—Animal Trap.



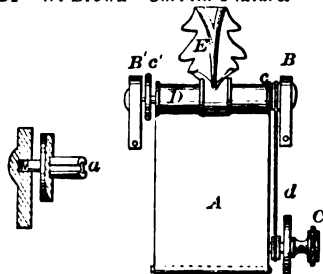
74659—E. Brockway—Boiler Feeder.



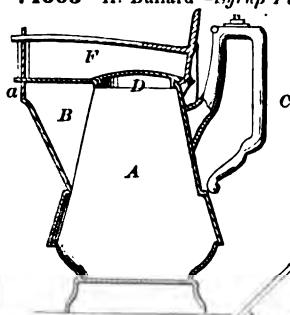
74660—J. H. Brown—Bed Bottom.



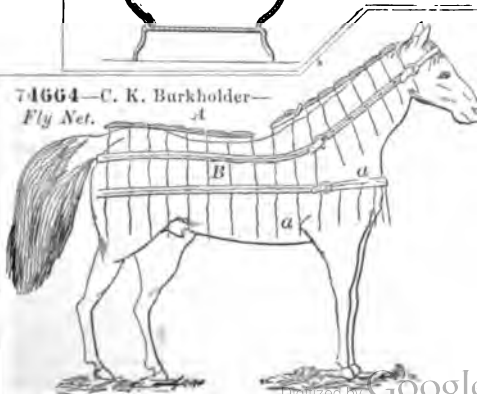
74661—W. Brown—Curtain Fixture.



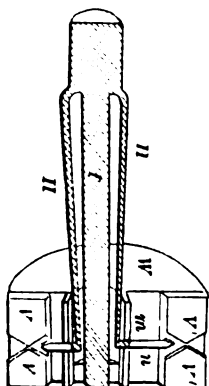
74663—H. Bullard—Syrup Pitcher.



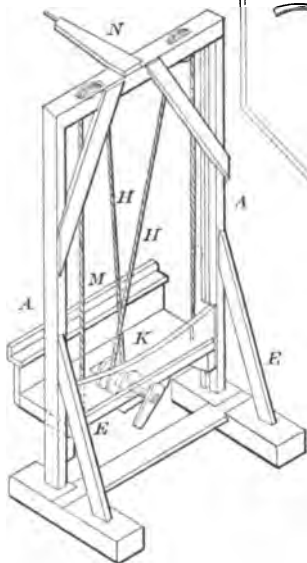
74664—C. K. Burkholder—Fly Net.



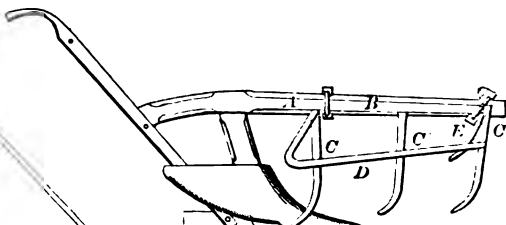
74662—H. T. Buff—Rotary Steam Engine.



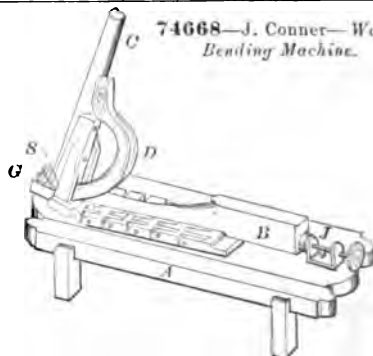
74665—O. S. Burton—*Staging.*



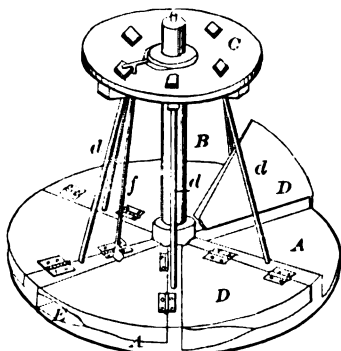
74666—S. Collins—*For Turning Down and Burying Stalks.*



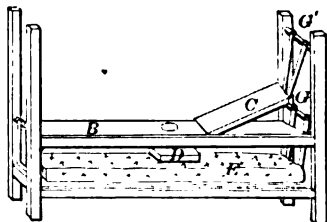
74668—J. Conner—*Wood Bending Machine.*



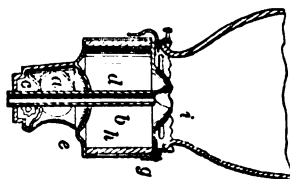
74667—B. D. Compton—*Water Wheel.*



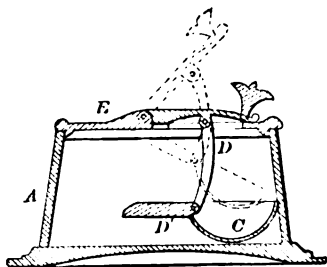
74669—H. Conway—*Hospital Bed.*



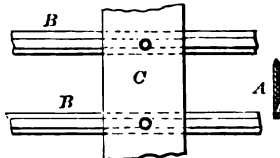
74670—Dailey, Johnson & Du Bois—*Lamp.*



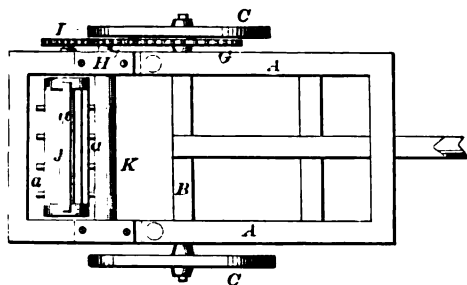
74671—O. Dean—*Inkstand.*



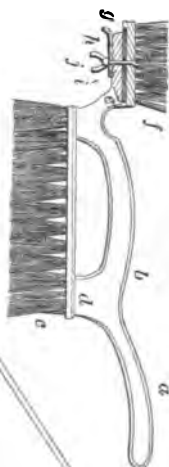
74672—De Forest & Gilbert—*Hooped Skirt Spring.*



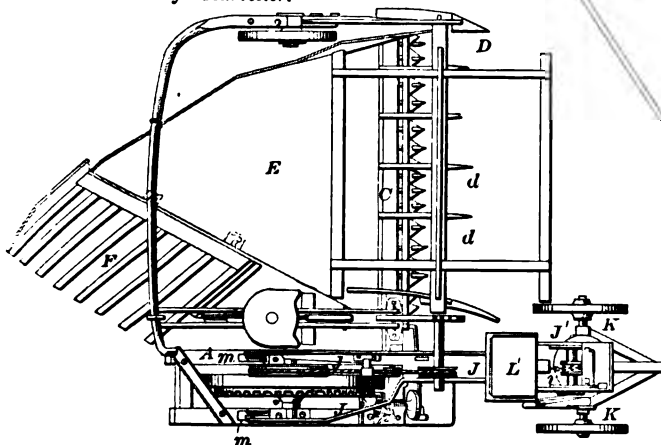
74673—D. L. Dickson—Harrow.



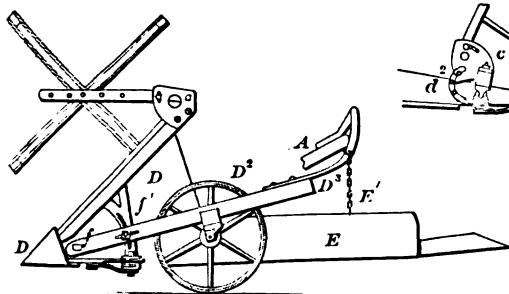
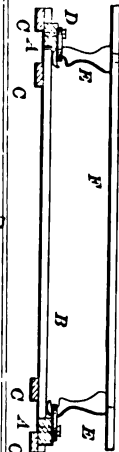
74674—J. H. Dougherty—Bucking Brush.



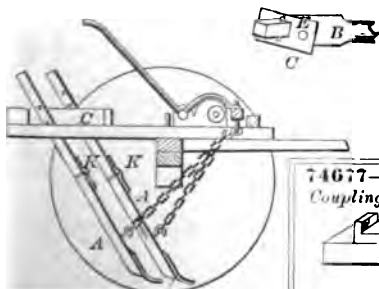
74676—G. Esterly—Harvester.



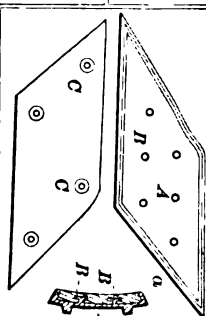
74675—W. J. Emens—Spring Red Bottom.



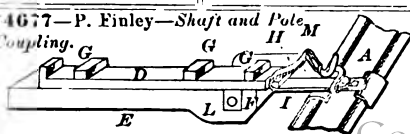
74678—J. Frank—Cultivator.



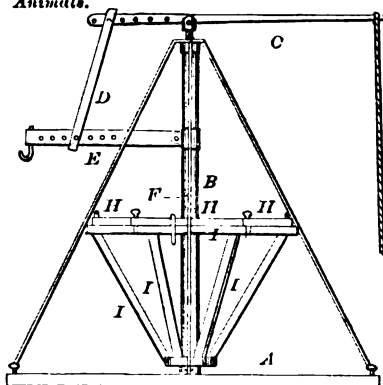
74679—Gaines & Scott—
Plow Mould Board, &c.



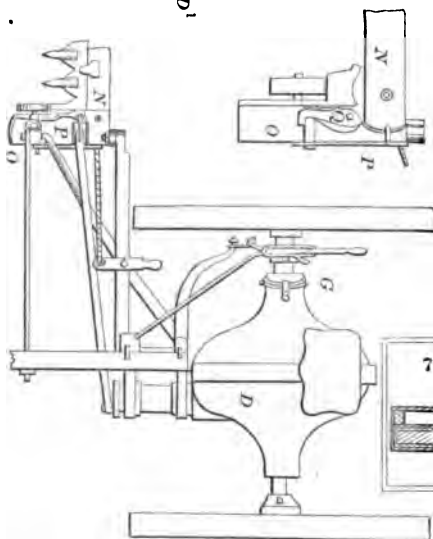
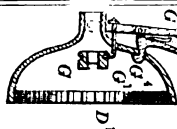
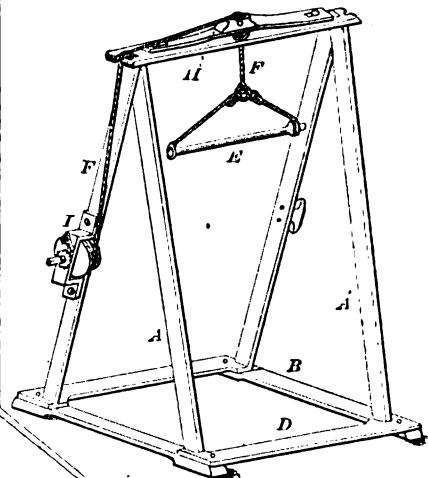
74677—P. Finley—Shaft and Pole
Coupling.



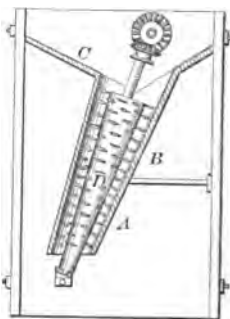
74681—A. Graves—For Handling Animals.



74683—G. W. S. Hall—Exercising Apparatus.

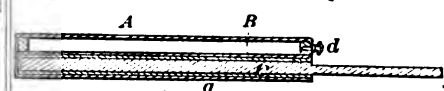


74685—B. G. H. Hathway—Harvester.

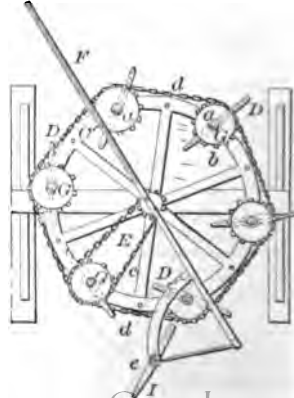


74682—Z. G. Greenleaf—Butt and Vegetable Cutter.

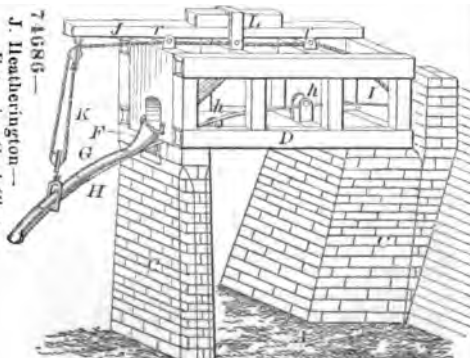
74684—J. P. Hall—Razor Strop.



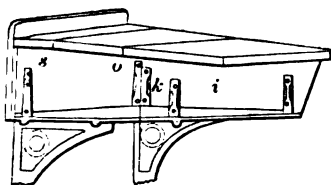
74687—J. Hidden—Wind Wheel.



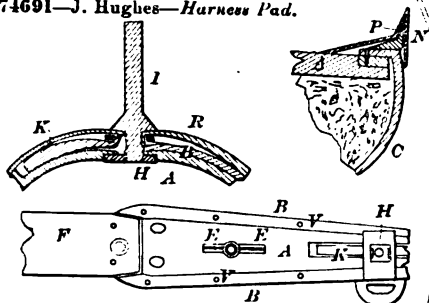
74686—J. Henthington—Extension Coal Chute.



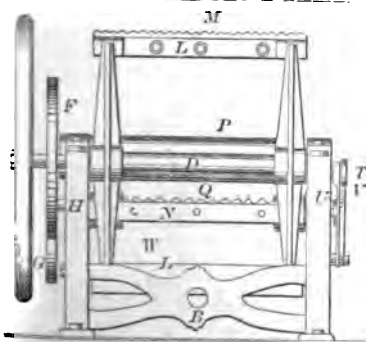
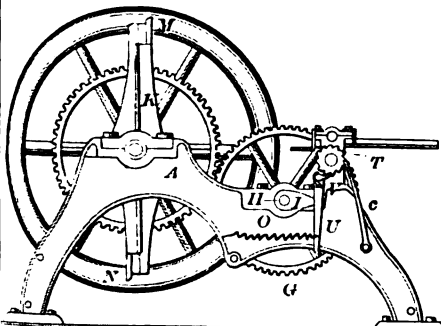
74688—G. W. Hildreth—School Desk.



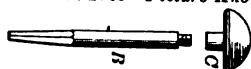
74691—J. Hughes—Harness Pad.



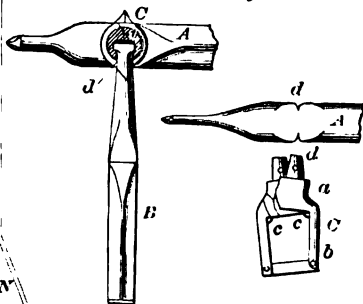
74693—J. M. Jay—For Cutting Glaziers' Points.



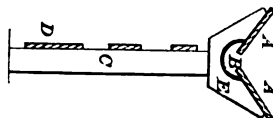
74692—E. D. Ives—Picture Knob.



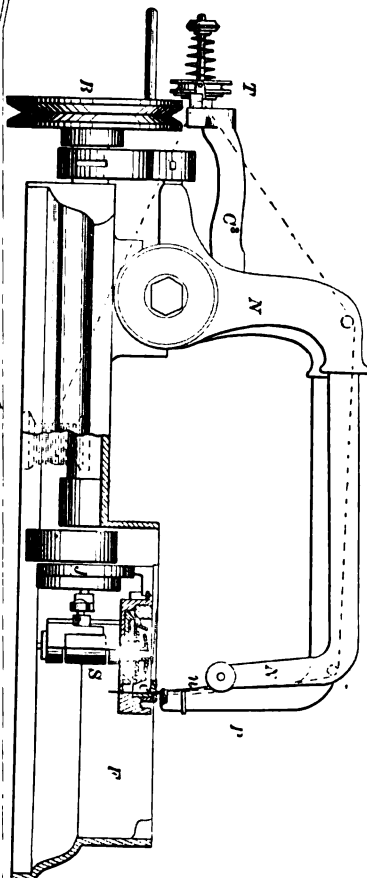
74689—E. Hitt—Carriage.

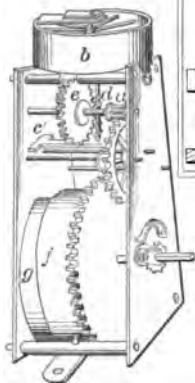
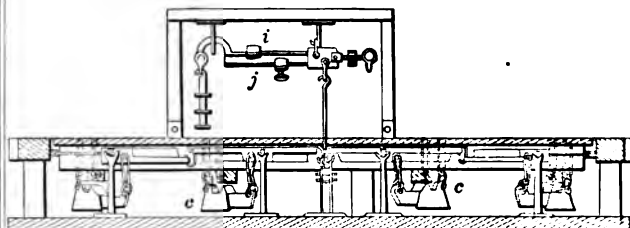
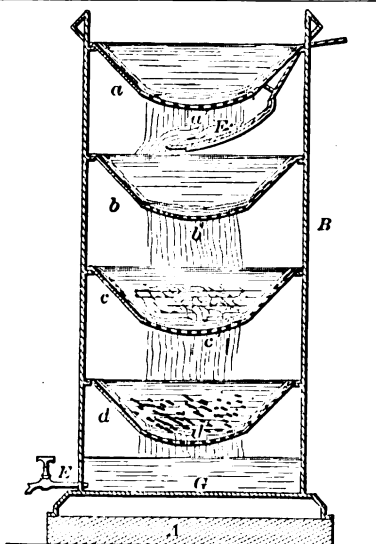
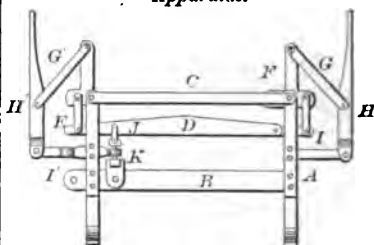
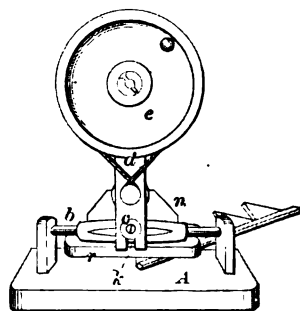
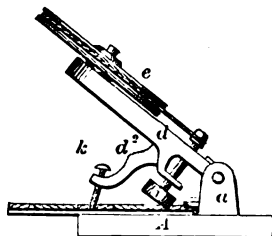
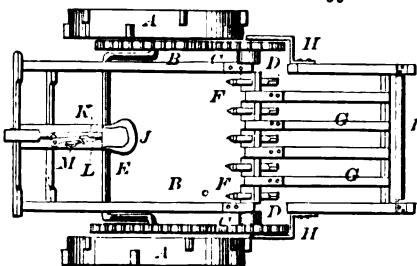


74690—L. Howe—Fence.

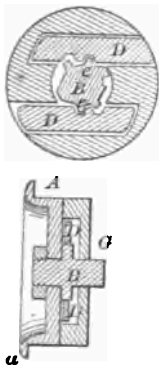


74694—G. L. Jencks—Sewing Machine.

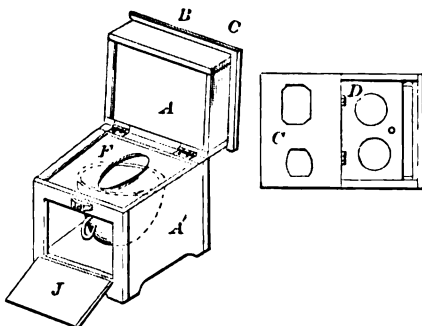


74696—J. F. Keeler—Platform Scale.**74695—G. A. Jones—Lamp Train.****74697—W. Kenyon, Jr.—J-type Tongue.****74700—I. Lamplugh—Punching Apparatus.****74698—J. D. Kirkpatrick—Filtering Burning Fluid.****74701—W. H. Leubach—For Grinding Moving Machine Cutters.****74699—Koenig & Otto—Potato Digger.**

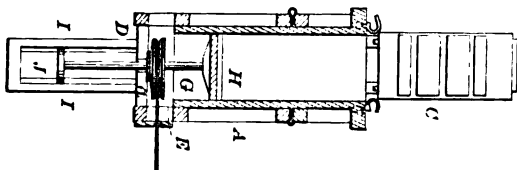
74702—J. B. Lefferson—*Bung.*



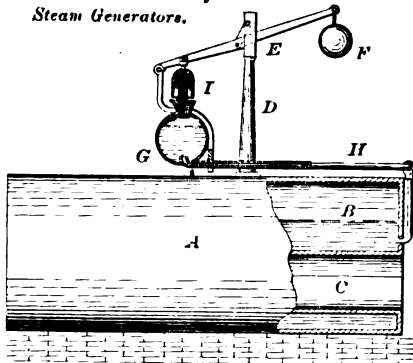
74705—J. Macferran—*Blacking Case and Closet.*



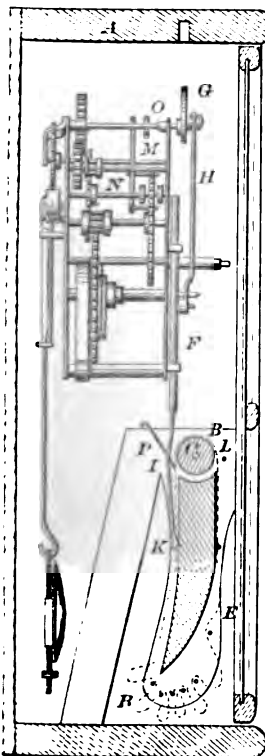
74703—C. Lent—*Hay and Cotton Press.*



74706—G. B. Massey—*Low Water Detector for Steam Generators.*



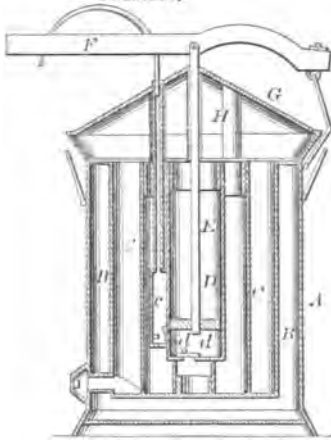
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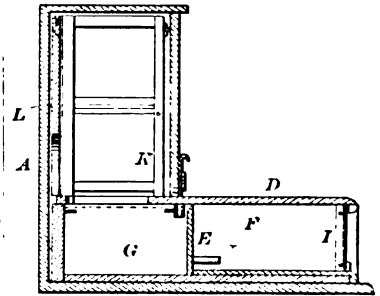
74707—D. S. McNamara—*Shoe.*



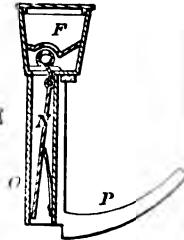
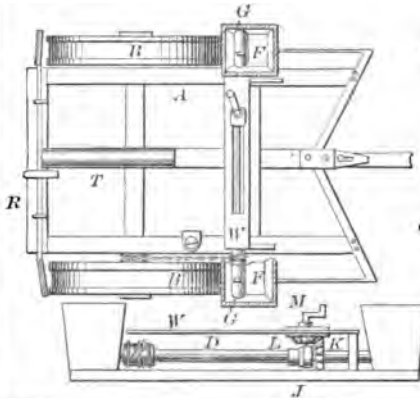
74708—Milroy, Vaughn & Turley—Soda Fountain.



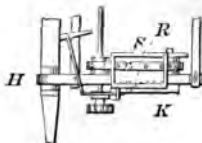
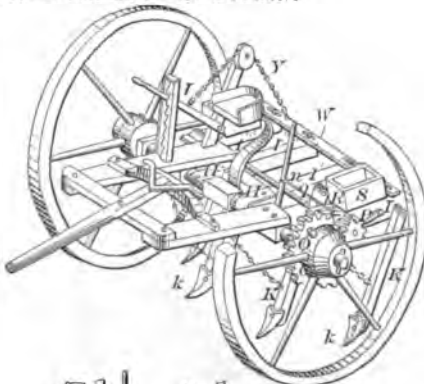
74709—N. C. Mitchell—Beehive.



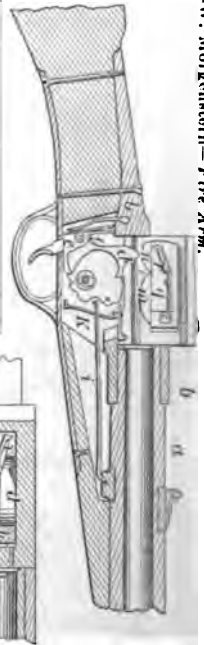
74710—W. H. Moore—Corn Planter.



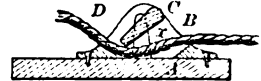
74711—W. H. Moore—Corn Planter.



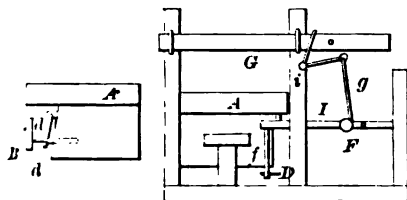
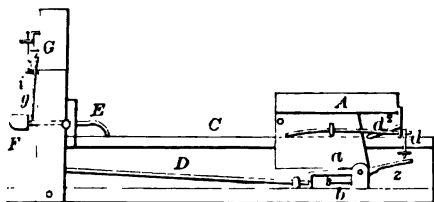
74712—W. Norcross—Fire Arm.



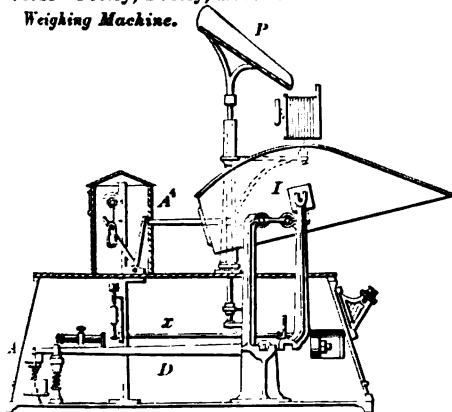
74713—G. R. Nebinger—Clothes Line Clamp.



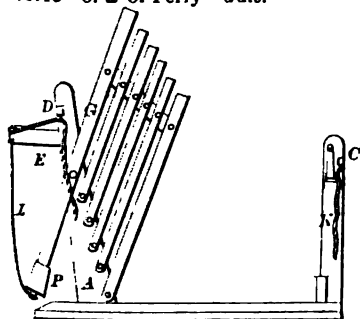
74714—T. Netherwood—*Spinning Jack.*



74719—Pooley, Pooley, Roberts & Luc—*Grain Weighing Machine.*



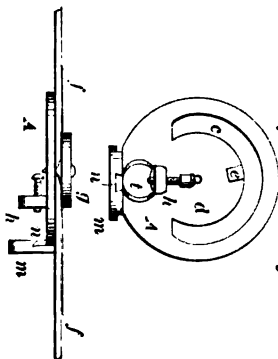
74716—O. & C. Perry—*Gate.*



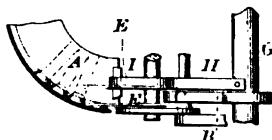
74720—E. L. Pratt—*Pen.*



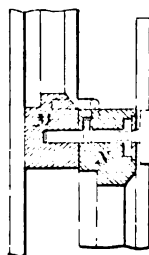
74715—W. B. Noyes—*Clutch Dyer.*



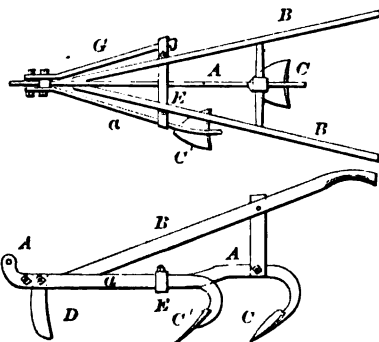
74717—E. S. Pierce—*For Conveying Screw Blanks.*



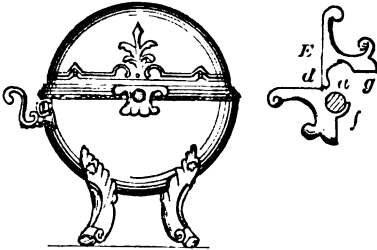
74718—L. Pierson—*Window Sash Fastener.*



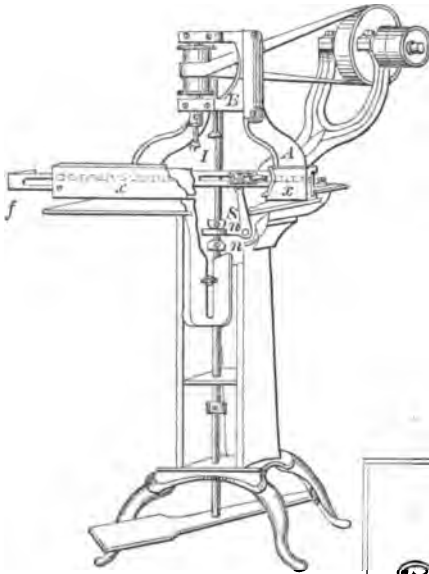
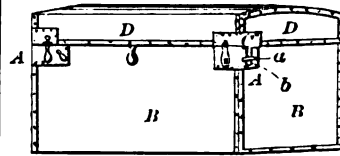
74721—B. F. Ream—*Plow and Cultivator.*



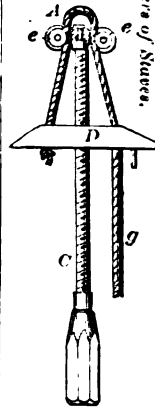
74722—I. A. Richards—*Butter Dish.*



74723—E. Semple—*Trunk.*

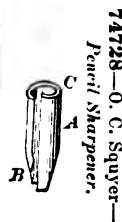
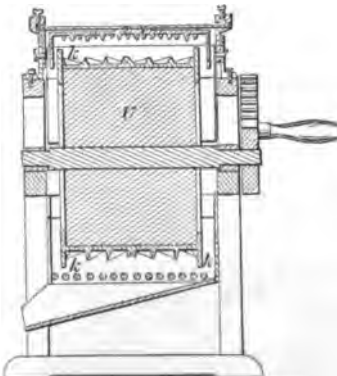


74724—J. M. Seymour—*Spacing and Boring Machine.*



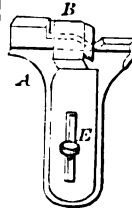
74725—W. Shepperman—*Clamp for Trussing Cylinders of Staves.*

74726—E. F. Sherman—*Corn Sheller.*

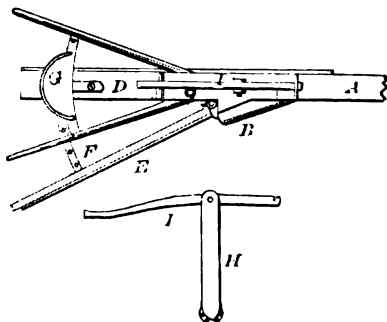


74728—O. C. Snyder—*Pencil Sharpener.*

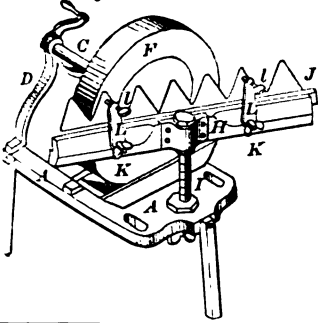
74727—L. C. Session—*Sewing Machine Guide.*



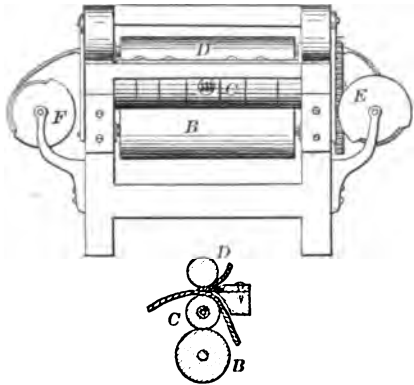
74729—S. W. Standart—*Plow.*



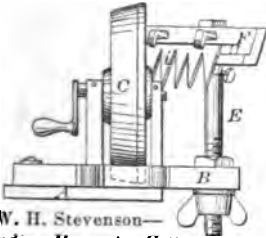
74730—W. H. Stevenson—For Grinding Harvester Cutters.



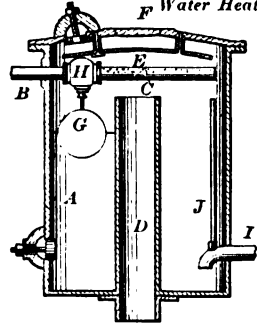
74734—F. J. Vittum—Leather Splitting Machine.



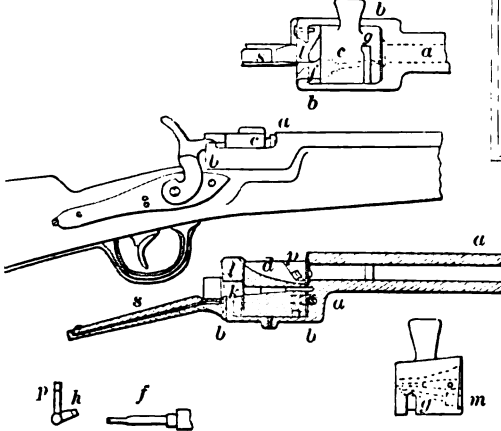
74731—W. H. Stevenson—
For Grinding Harvester Cutters.



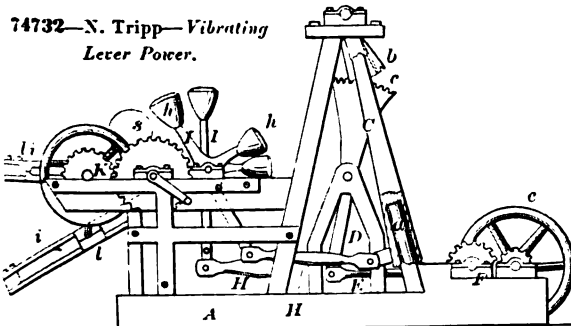
74735—H. N. Waters—*Feed
F Water Heater.*



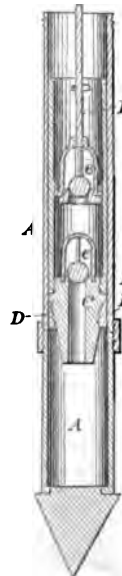
74737—J. Werndl—*Breech-Loading Fire Arm.*

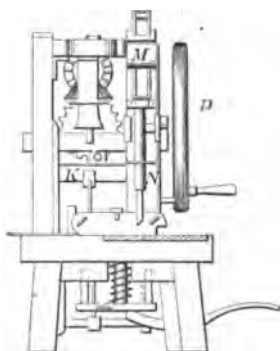
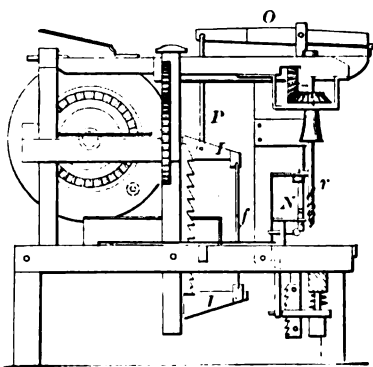
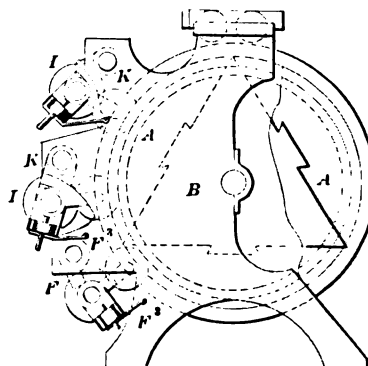
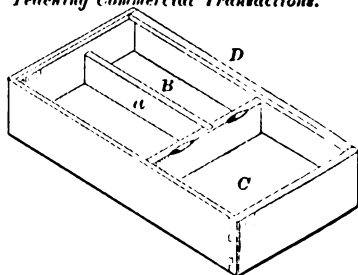
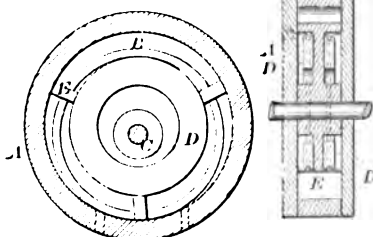
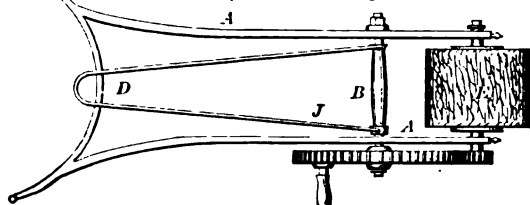
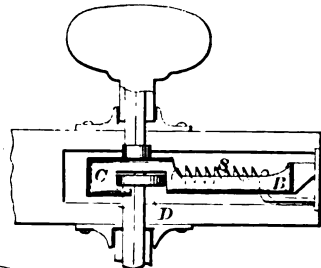


**74732—N. Tripp—Vibrating
Letter Power.**

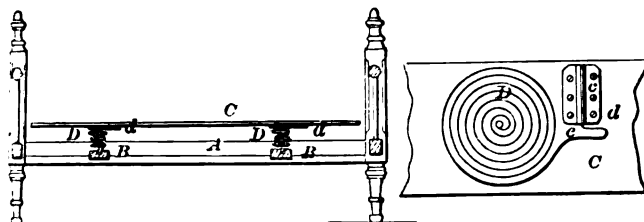


74738—J. T. Whipple—Deep Well Pump.

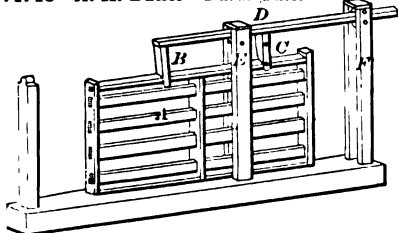


74739—L. W. Wolfe—*Mortising Machine.***74740**—C. A. Walworth—*Device for Teaching Commercial Transactions.*74741—G. W. Wood—*Color Printing Press.***74744**—J. B. Bennett—*Rotary Engine.***74742**—S. W. Baker—*Horse Blanket.***74743**—J. Bayston—*Revolving Hair Brush.***74746**—A. Bingham—*Knob Latch.***74745**—J. M. Bent—*Shoe Nail.*

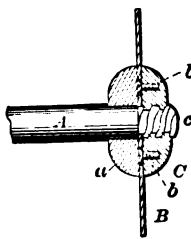
74747—Bouton & Ames—Spring Bed Bottom.



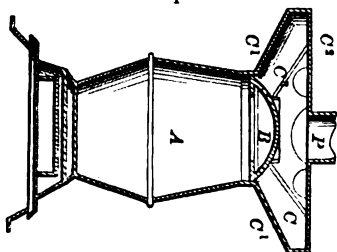
74746—H. H. Butler—Farm Gate.



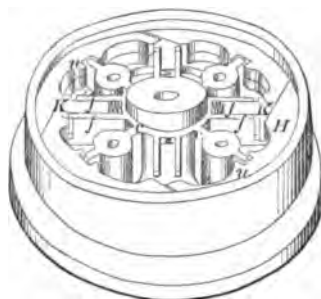
74749—E. Calley—Attaching Circular Saws to Mandrels.



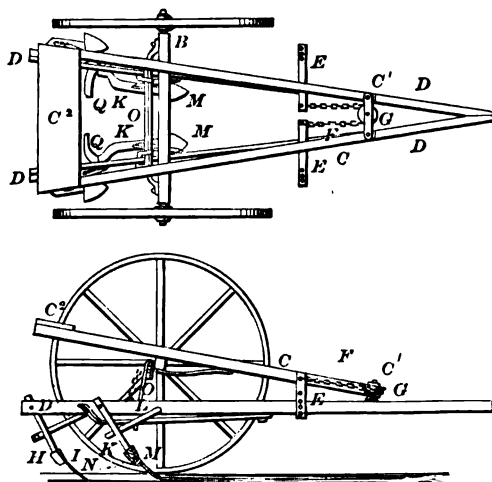
74753—E. A. De Camp—Coal Store.



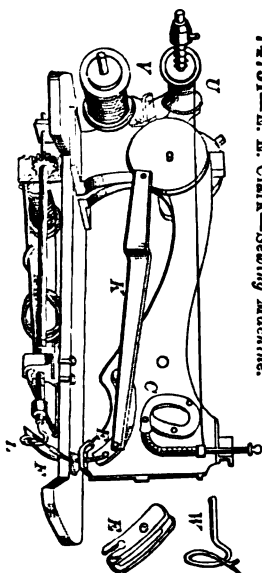
74750—S. E. & I. Y. Chubbuck—Piston.



74754—E. S. Easterday—Sulky Cultivator.

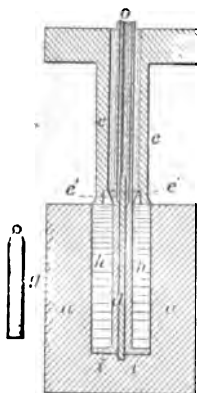


74751—E. E. Clark—Sewing Machine.



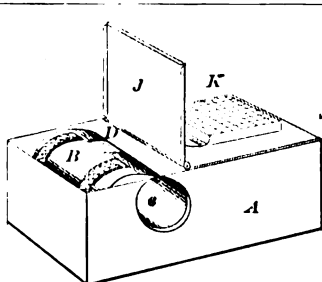
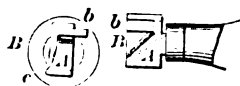
74752—A. Cutler—Point Brush.



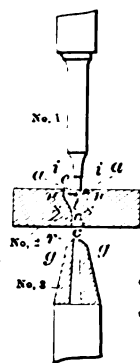


74755—L. Farrell—Manufacture of Tin-Lined Lead Pipe.

74757—A. V. Hill—Work Trimmer for Boots and Shoes.

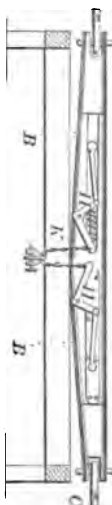
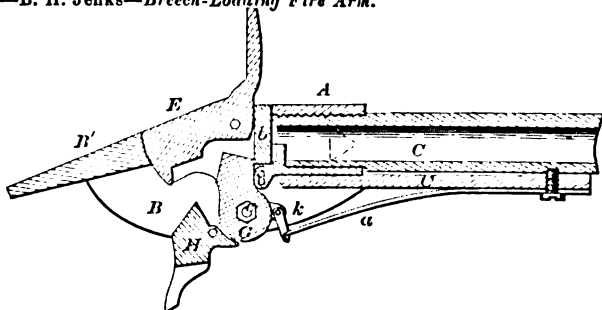
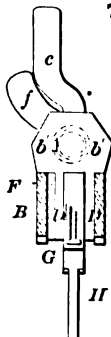


74759—S. Huffman—Animal Trap.

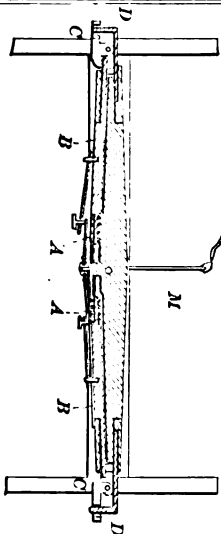


74758—D. K. Hoxsie—Horse-Making Bicycle.

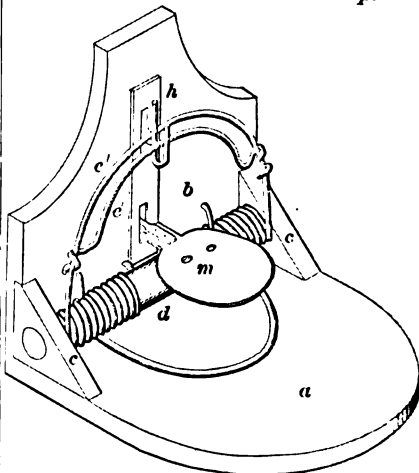
74760—B. H. Jenks—Breech-Loading Fire Arm.



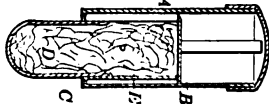
74761—D. W. Johnson—Whiffletree.



74762—W. W. Leech—Animal Trap.



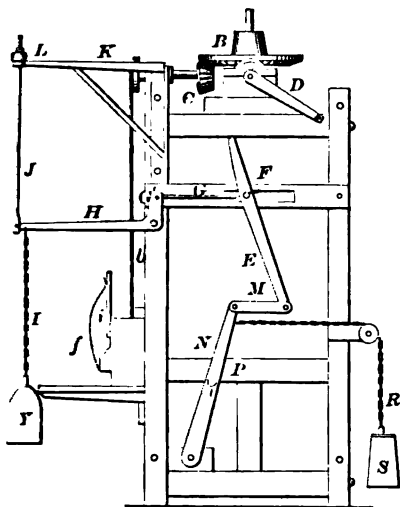
74763—H. Merrill—Knife and Fork Scourer.



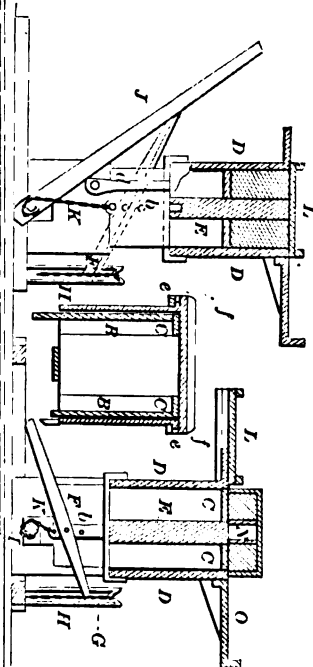
74764—L. Moser—Button.



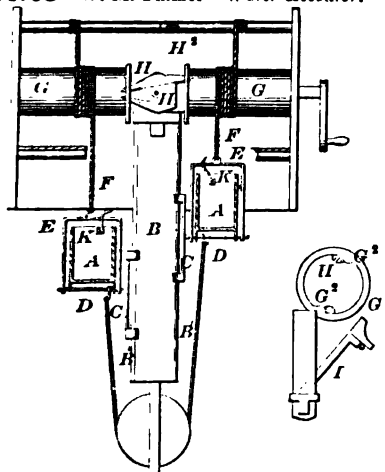
74765—Nye & Kuisely—Brick Machine.



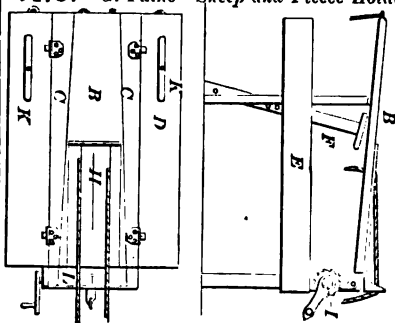
74769—L. Pardee—Concrete Brick Machine.



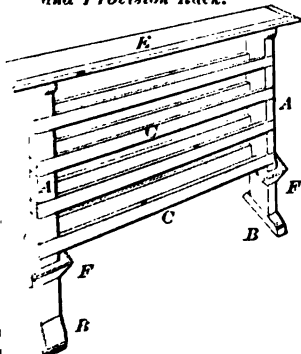
74768—W. M. Palmer—Water Elevator.



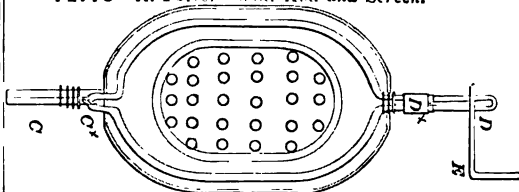
74767—G. Paine—Sheep and Fleece Holder.



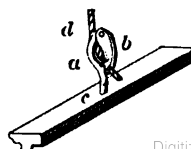
74766—E. Osborn—Milk and Provision Rack.

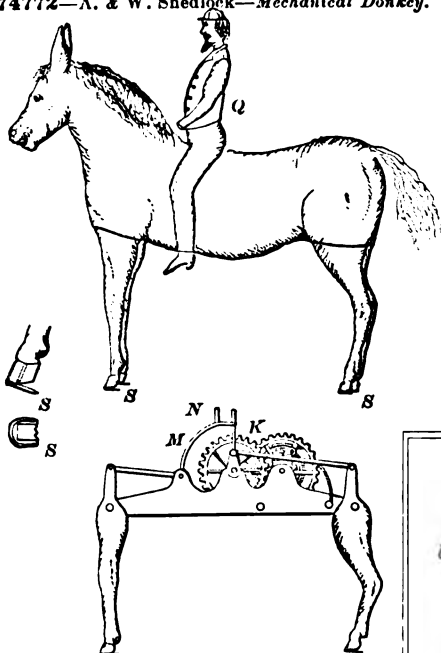
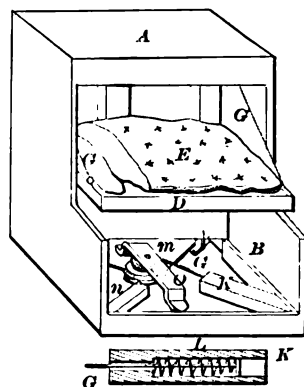
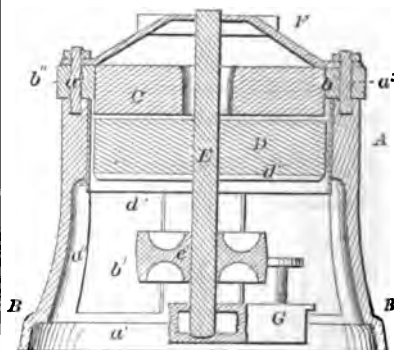
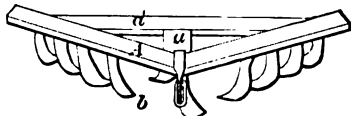
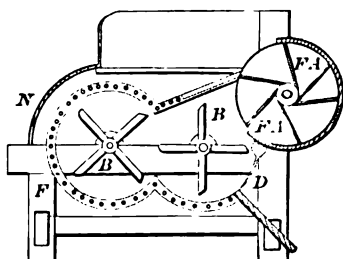
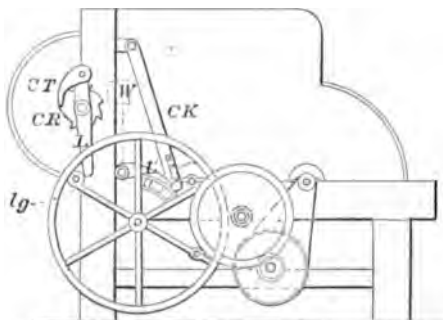
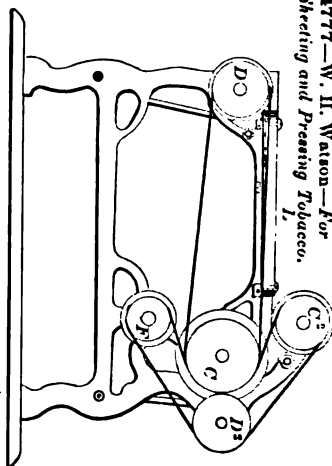


74770—A. Porter—Coal Hod and Screen.

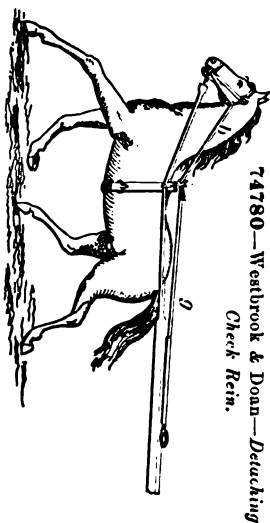
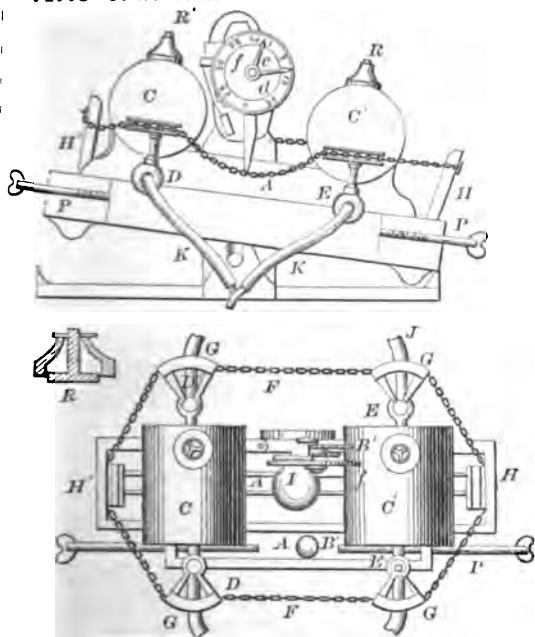


74771—W. Read, Jr.—Cord Retainer for Pictures.



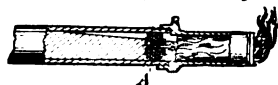
74772—A. & W. Shedlock—*Mechanical Donkey.*74773—W. B. Snow—*Car Berth.*74774—A. W. Straub—*Grinding Mill.*74775—C. F. Taylor—*Cultivator.*74776—J. W. Thorn—*Cotton Cleaner.*74777—W. H. Watson—*for
Sheeting and Pressing Tobacco.*

74778—J. W. Weller—Fluid Meter.

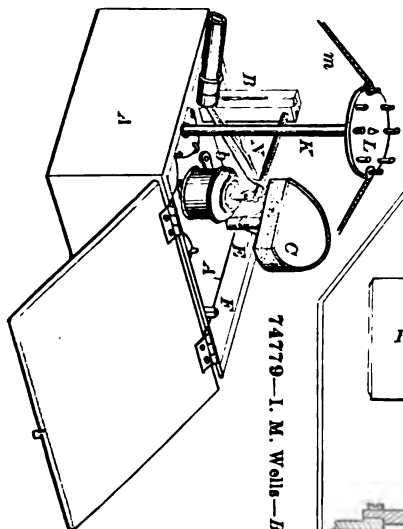
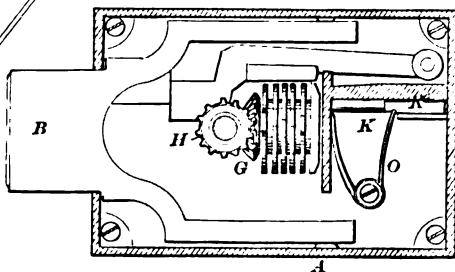


74780—Westbrook & Doan—Detaching Cheek Rein.

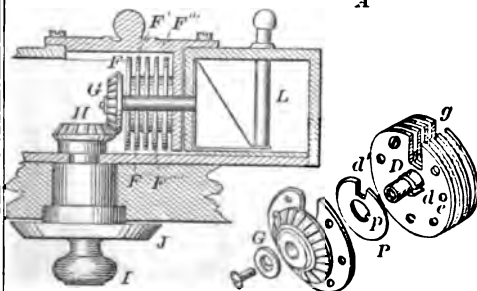
74782—L. H. Whitney—Fire Lighter.

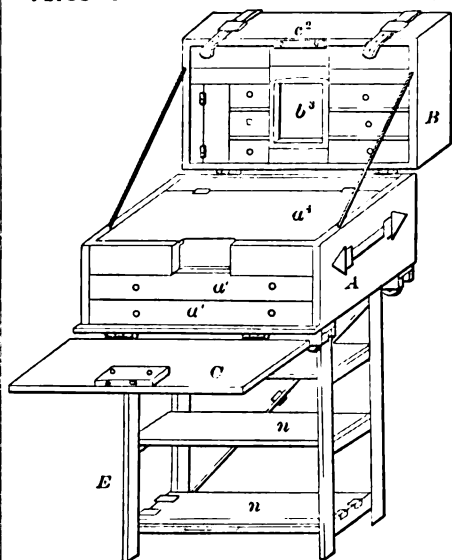
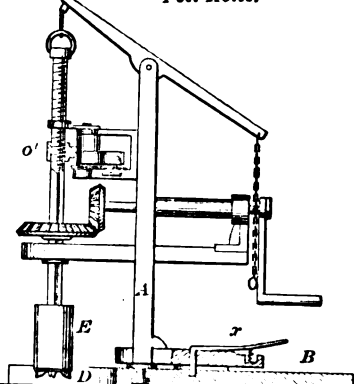
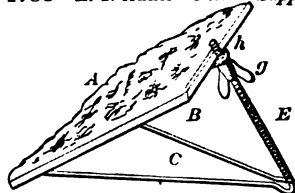
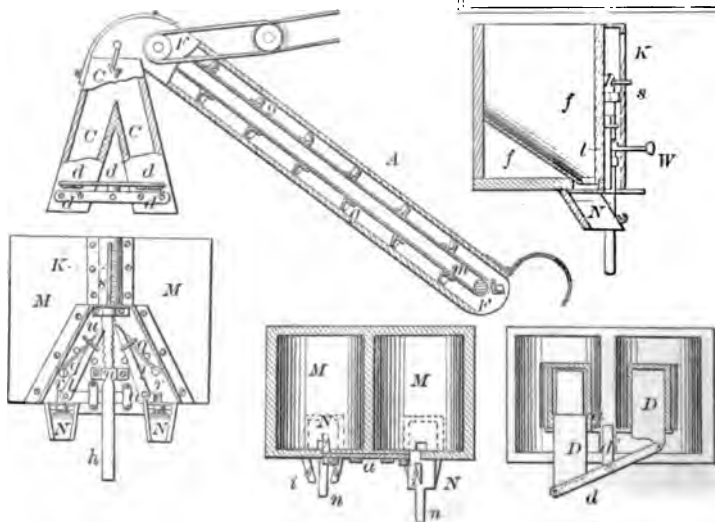
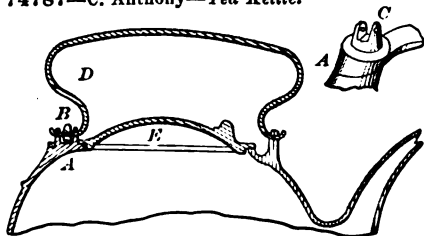
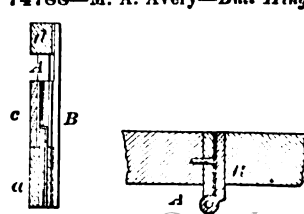


74781—A. Wetzel—Permutation Lock.

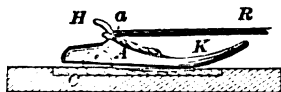


74779—I. M. Wells—Burglar Alarm

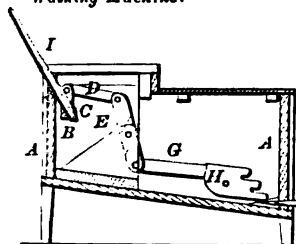


74783—J. N. Wunderlich—*Travelers' Trunk.*74785—A. Q. Allis—*For Boring Post Holes.*74786—E. I. Annis—*Pillow Support.*74784—W. F. Abbott—*Measuring Attachment to Threshing Machines.*74787—C. Anthony—*Tea Kettle.*74788—M. A. Avery—*Butt Hinge.*

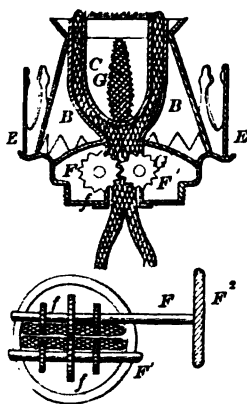
74789—J. Bangs—*Belaying Cleat.*



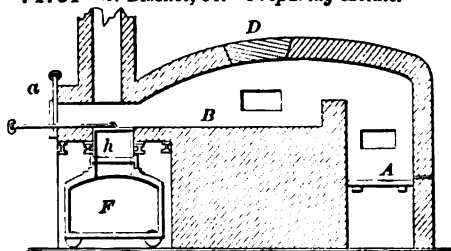
74790—P. F. Bindewald—*Washing Machine.*



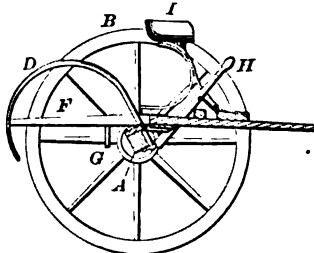
74793—A. W. Browne—*Lamp Burner.*



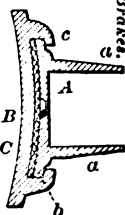
74791—G. Bischof, Jr.—*Preparing Metals.*



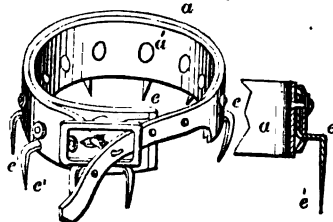
74794—E. W. Bullard—*Horse Rake.*



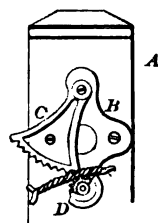
74792—J. Braun—*Shoe for Car Cur Brakes.*



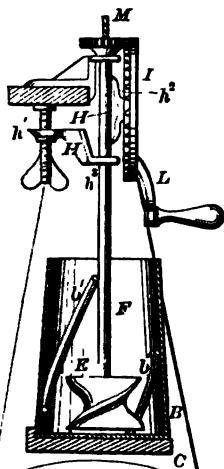
74795—Carson & Peter—*Cattle Pricker.*



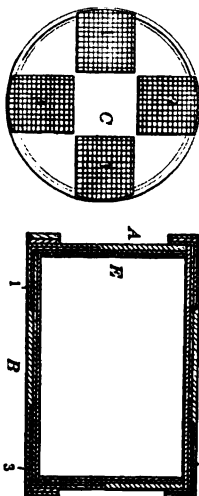
74798—A. Comey—*Clothes Line Holder.*



74790—C. H. Carver—*Chair.*



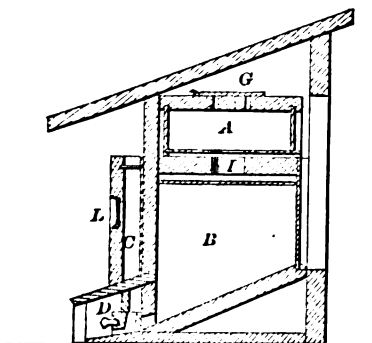
74797—D. M. Cole—*Cheese Box.*



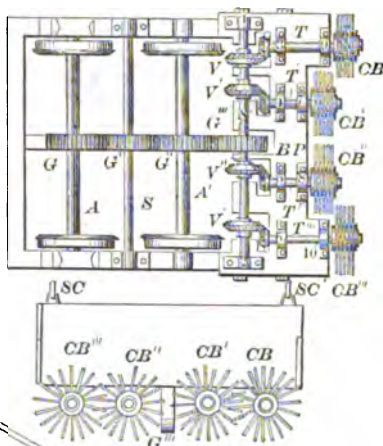
74800—S. E. Condon—*Curving Iron.*



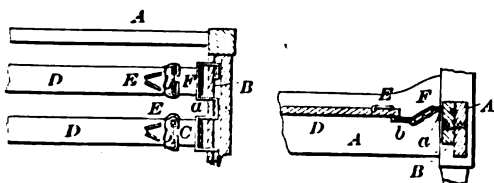
74810—M. D. Fogel—*Beehive*.



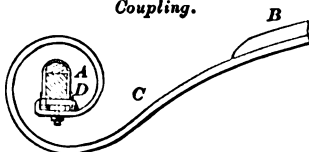
74811—Freeman & Ford—*Track Cleaner*.



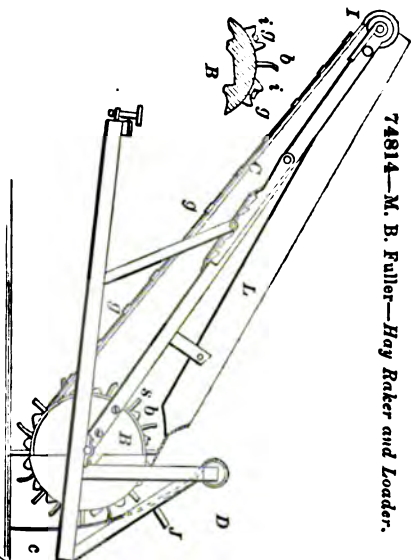
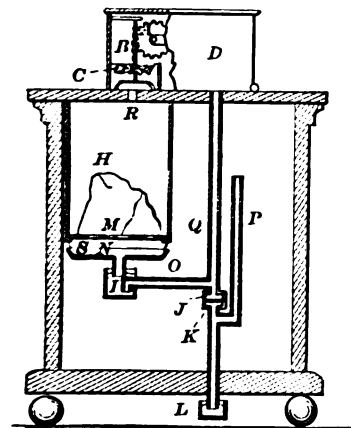
74812—J. C. Fry—*Bed Bottom*.



74816—K. Goddard—*Thill Coupling*.

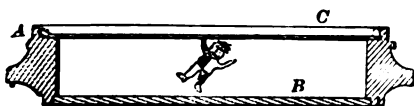


74813—Fuller & Reichert—*Refrigerator*.

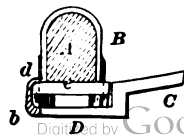


74814—M. B. Fuller—*Hay Rake and Loader*.

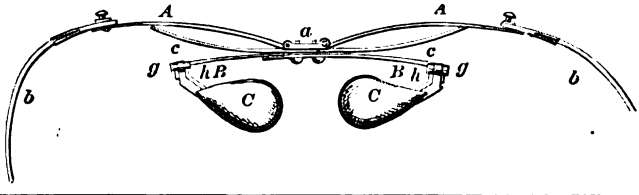
74815—A. C. Funston—*Toy*.



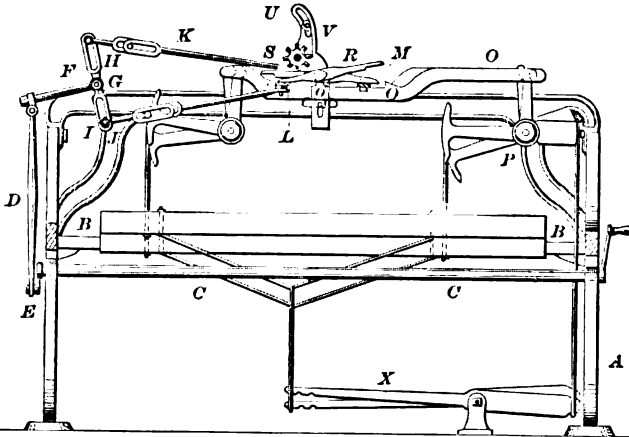
74817—K. Goddard—*Thill Coupling*.



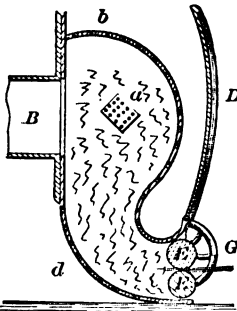
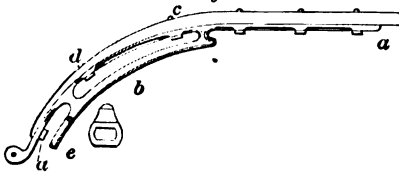
74818—S. Green—*Truss.*



74819—J. Greenhalgh—*Harness Mechanism for Looms.*

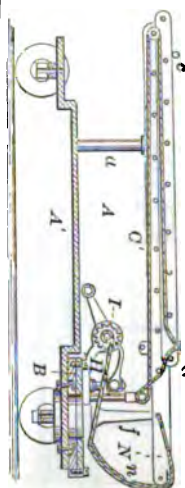
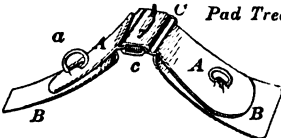


74820—S. B. Harmon—*Carriage Thill.*



74822—R. H. Hilton—*for Cleaning Cotton.*

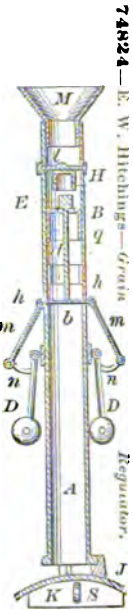
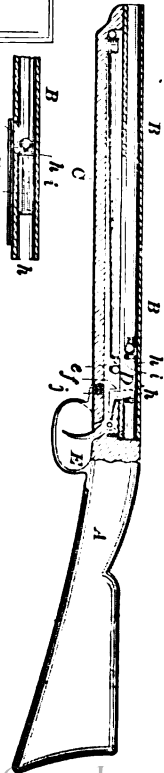
74823—J. W. Hinman—*Harness Pad Tree.*



74821—Hayes & Free—*Five Escape Ladder.*

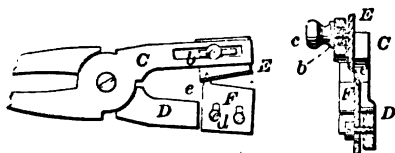


74825—S. Hubbard—*Toy Gun.*

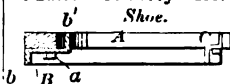


74824—E. W. Hitching—*Regulator.*

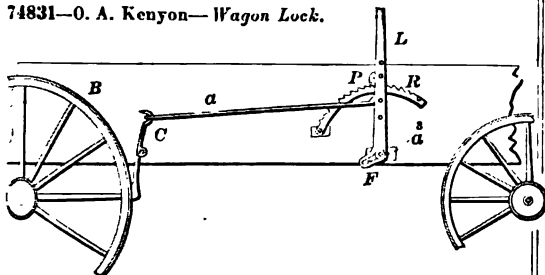
74827—A. Humann—Button Hole Cutter.



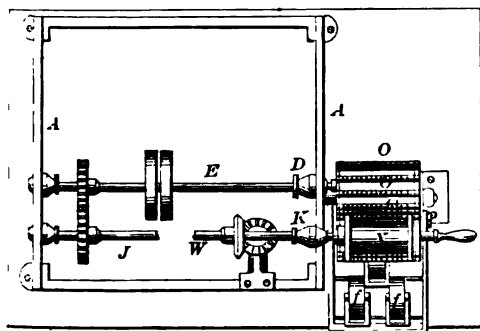
74829—J. Jorey—Horse Shoe.



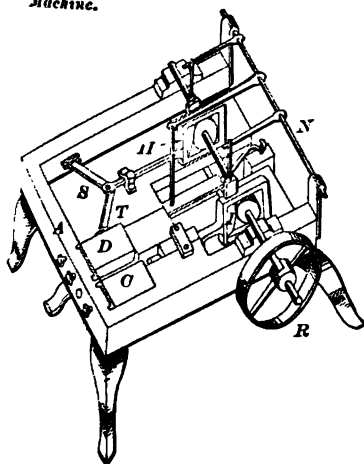
74831—O. A. Kenyon—Wagon Lock.



74832—P. Kerr—For Polishing Thread.



74834—Klemm & Dittich—Bolt Making Machine.



74828—Jefferies & Olds—Truss.

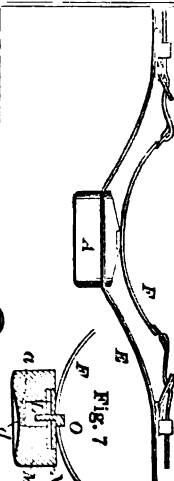
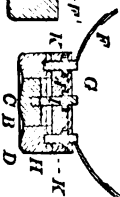
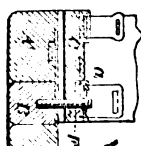


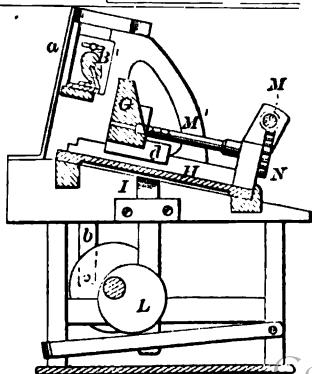
FIG. 8



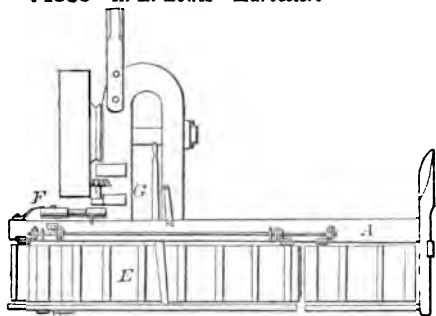
FIG. 9



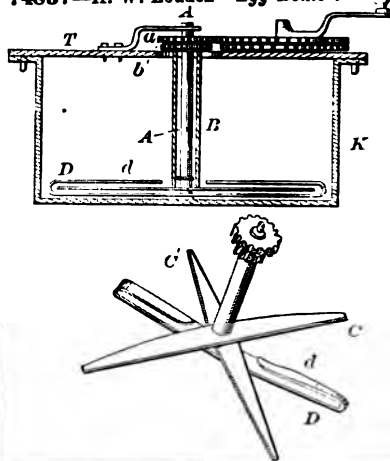
74830—H. Kassing—For Cutting
Inners.



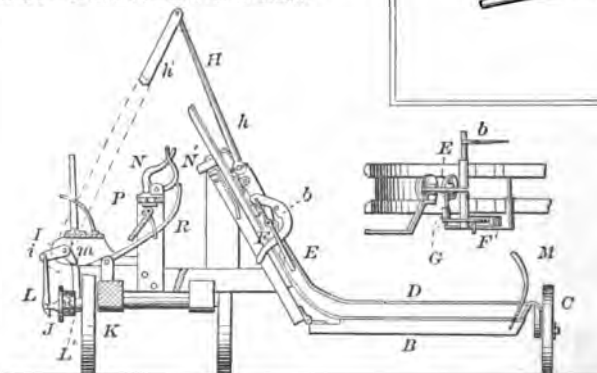
74835—E. E. Lewis—*Harvester.*



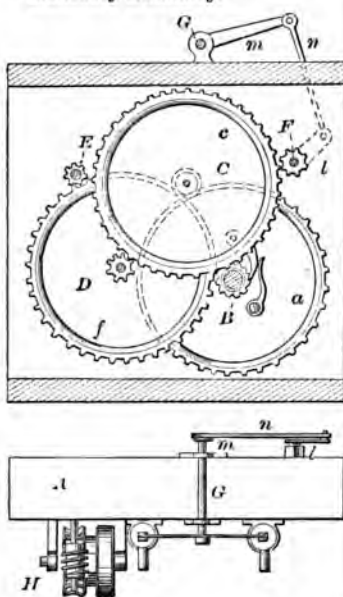
74837—H. W. Loudon—*Egg Beater.*



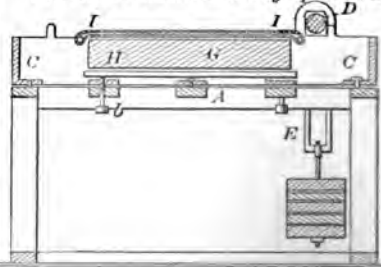
74836—C. Lidren—*Harvester Rake.*



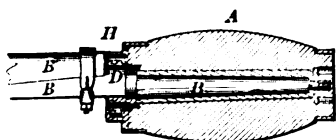
74838—G. Maranville—*For Operating Stationary Machinery.*



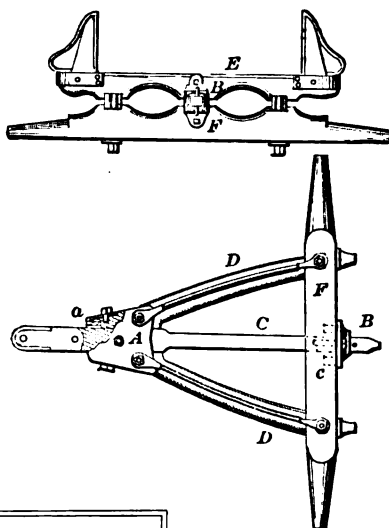
74839—Marston & Morse—*Shoe Fastening.*

74840—C. Maurice—*Lithographic Press*

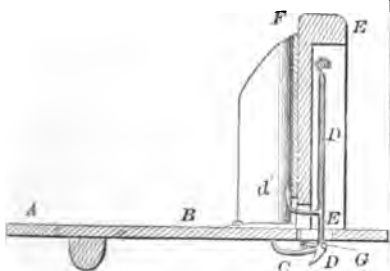
74841—N. Maxham—Hub and Axle.



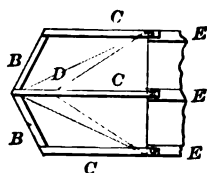
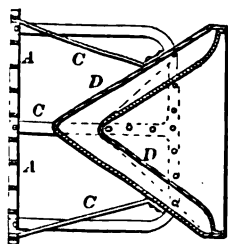
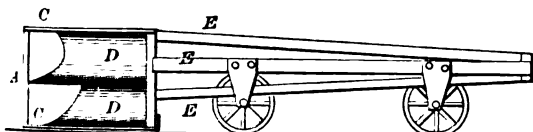
74843—H. Mitchell—Wagon Coupling.



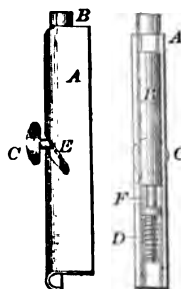
74842—W. Miller—Animal Trap.



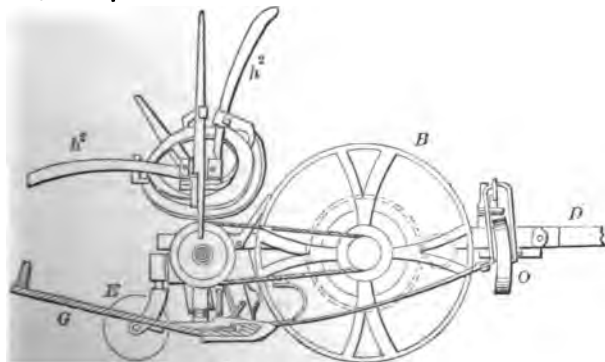
74844—G. Place—Snow Plow.



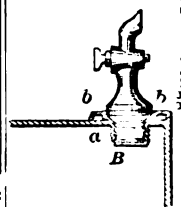
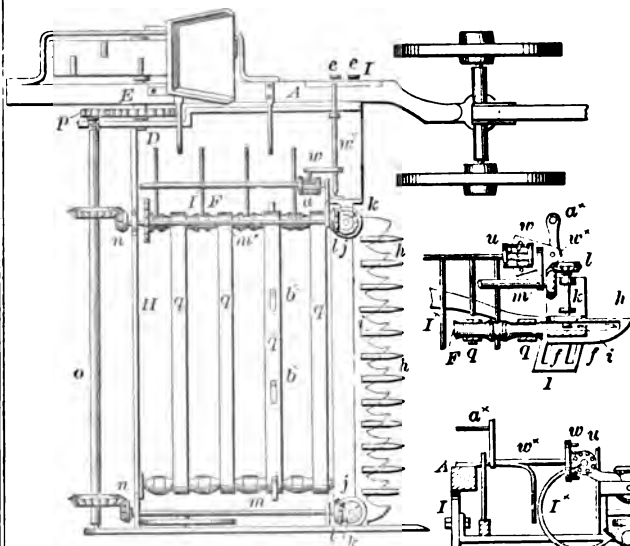
74846—T. Katenbury—Roll.



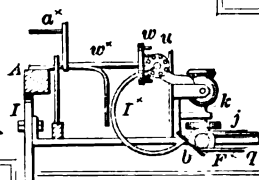
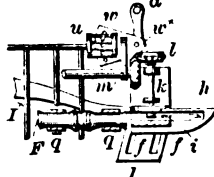
74845—Quick, Opie & Farrand—Harvester Rake.



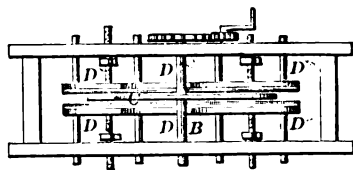
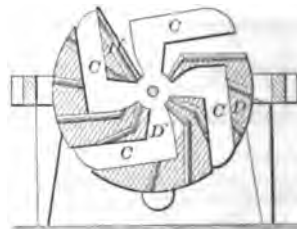
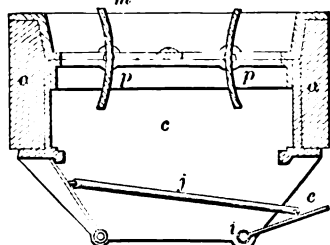
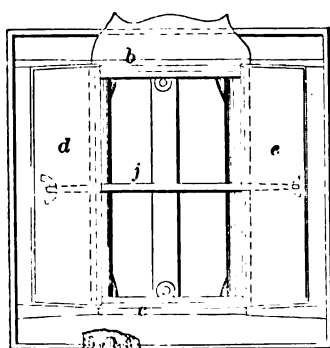
74847—Redfield & Cox—Harvester.



74850—W. Rice—Steam Tap for Oil Cans.

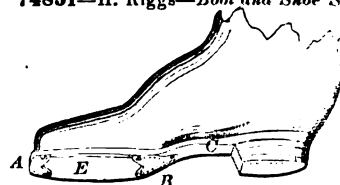


74849—D. C. Richardson—Car Ventilator.

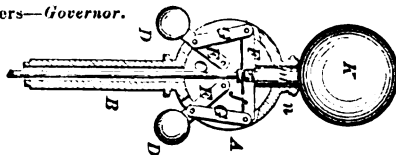


74848—C. H. Rice—Hood Crimping Machine.

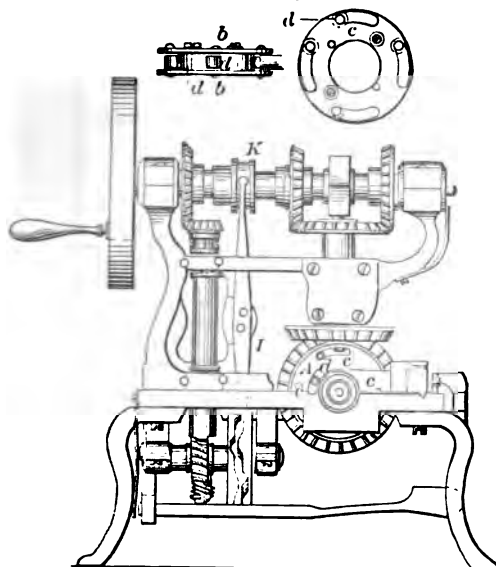
74851—H. Riggs—Boot and Shoe Sole.



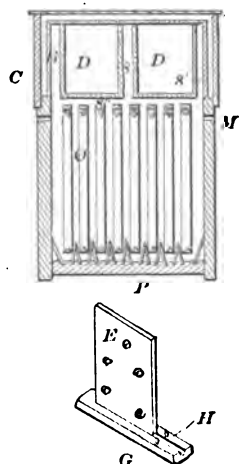
74852—E. P. Rogers—Governor.



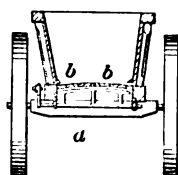
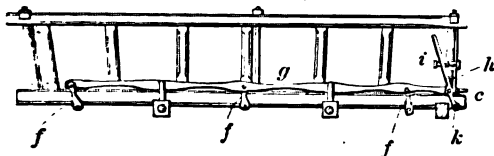
74853—J. Russell—Card Setting Machine.



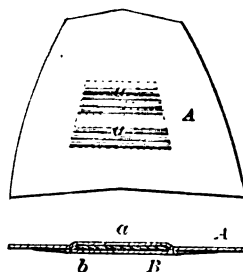
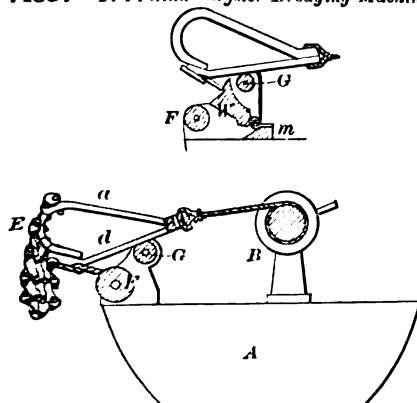
74854—P. J. Severson—Beehive.



74856—H. Shirey—Dumping Wagon.



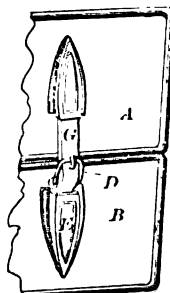
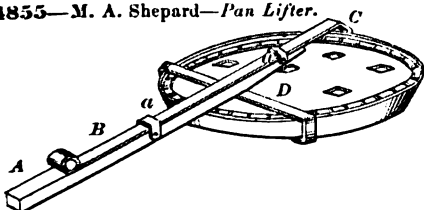
74857—T. P. Sink—Oyster Dredging Machinery.



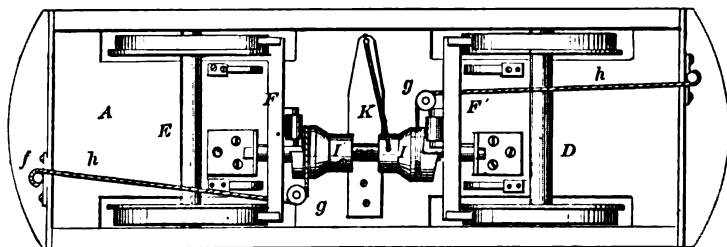
74858—G. & G. Smith—Boots and Shoes.

74859—H. H. Smith—Pocket for Billet Straps

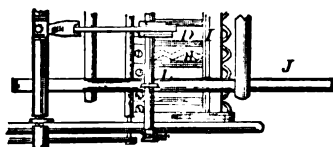
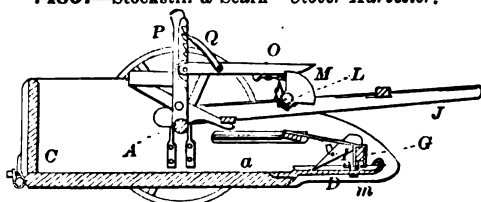
74855—M. A. Shepard—Pan Lifter.



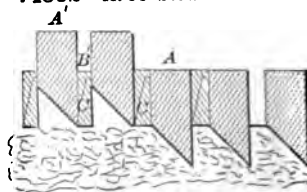
74860—Smith & Steger—Car Brake.



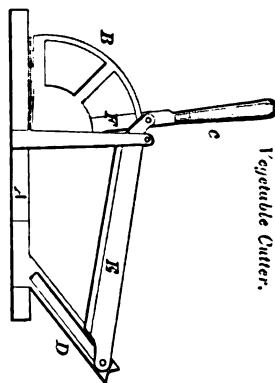
74861—Stockstill & Scarff—Clover Harvester.



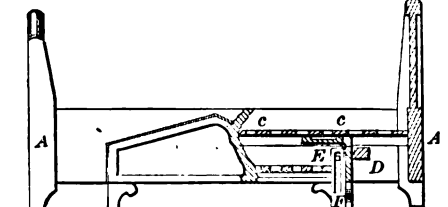
74862—H. M. Stow—Pavement.



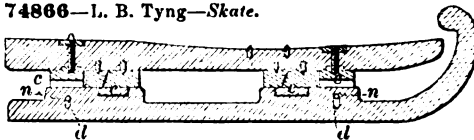
74864—H. A. Titus—Bread and Vegetable Cutter.



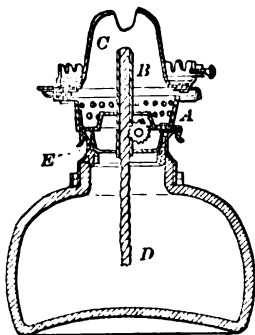
74865—H. R. Tracy—Bedstead Crib Attachment.



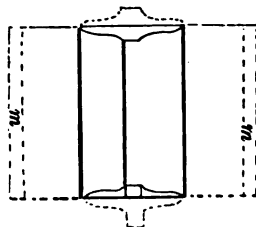
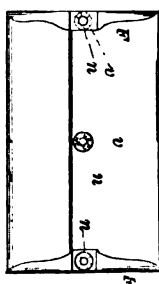
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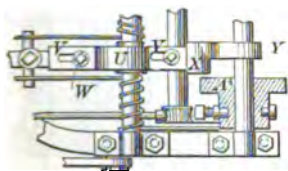
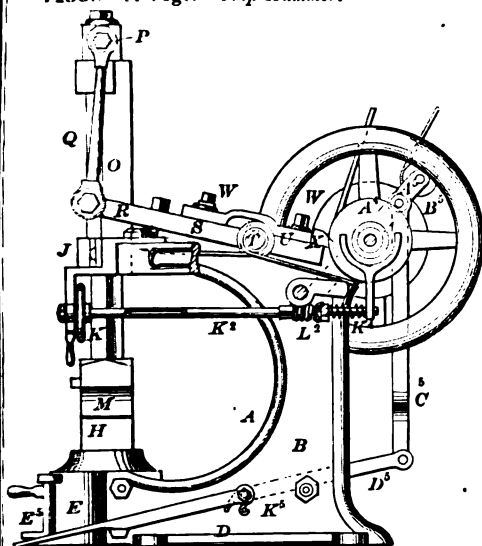
74863—A. Taplin—Lamp.



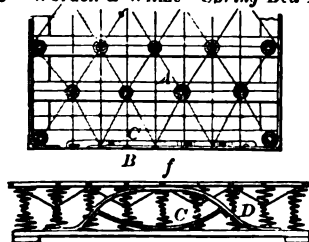
74867—S. Ullman—Envelope.



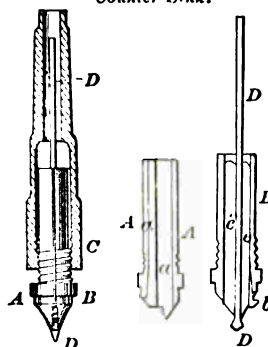
74868—C. Vogel—Trip Hammer.



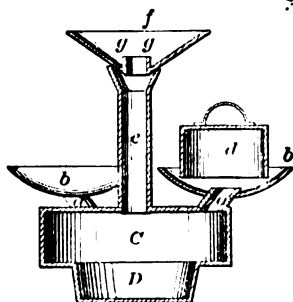
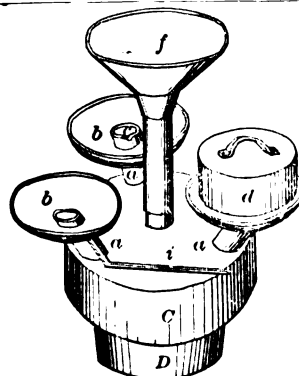
74872—Worden & Wilms—Spring Bed Bottom.



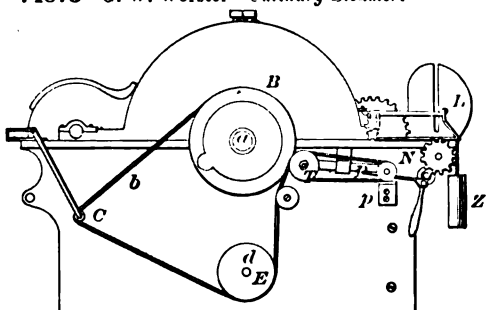
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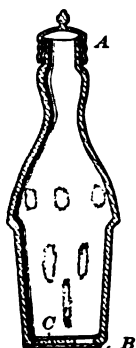
74873—G. W. Worster—Culinary Steamer.



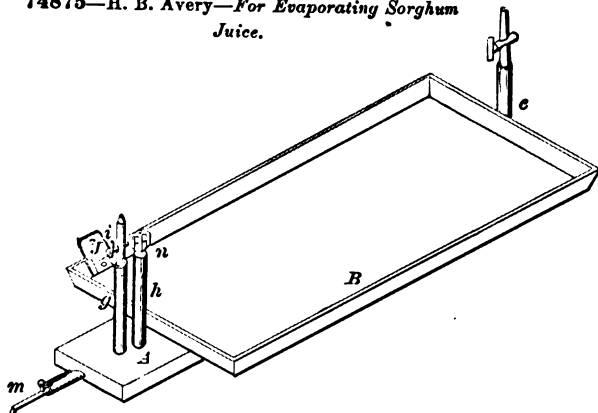
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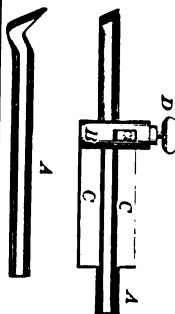
74860—E. Wallis, Sr.—Pepper Coater Bottle.



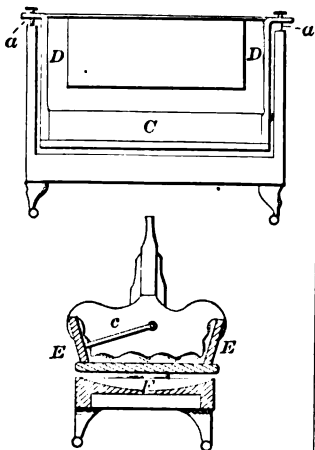
74875—H. B. Avery—For *Evaporating Sorghum Juice.*



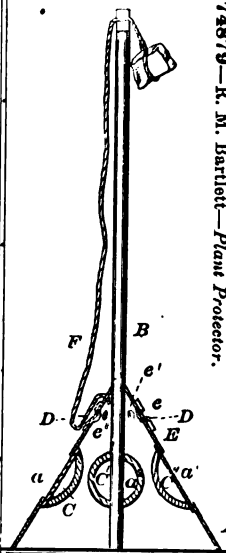
74877—J. Baillie—*Knife Tool Holder.*



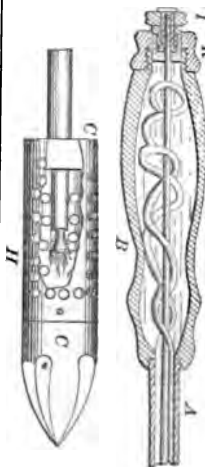
74876—H. A. Axt. II—*Sofa Cradle.*



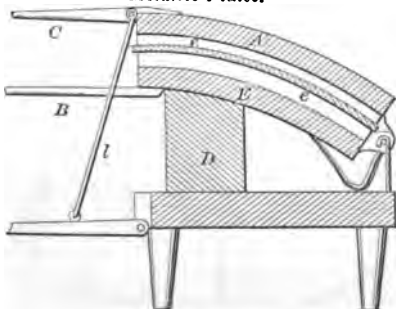
74879—R. M. Bartlett—*Plant Protector.*



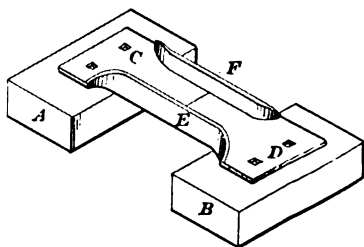
74881—T. Beardsley—*Soldering Iron.*



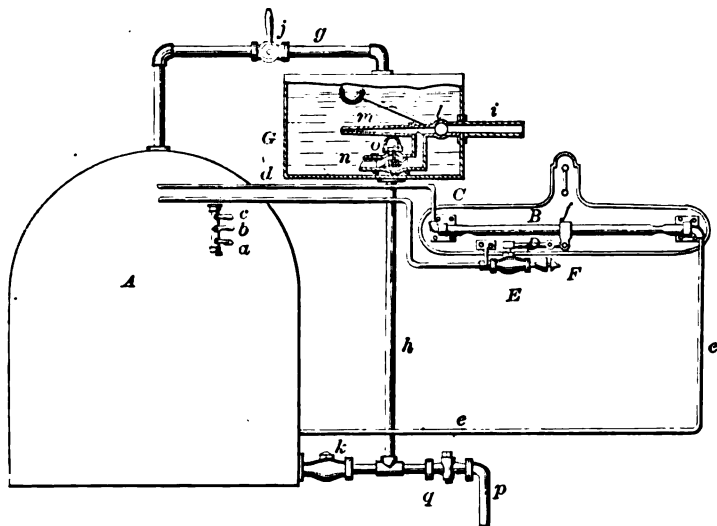
74880—J. W. Bean—*For Bending Metallic Plates.*



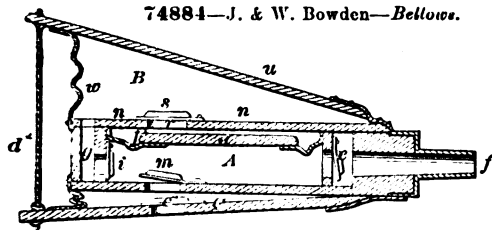
74882—L. B. Bidwell—*Railroad Chair.*



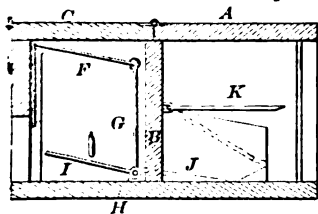
74883—J. N. B. Bond—Boiler Feed Low Water Detector.



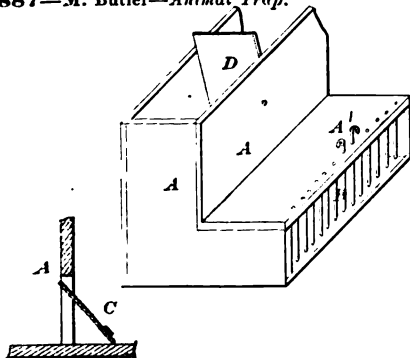
74884—J. & W. Bowden—Bellows.



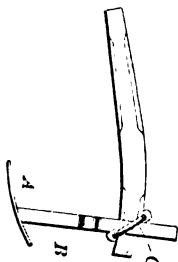
74886—A. C. Briant—Animal Trap.



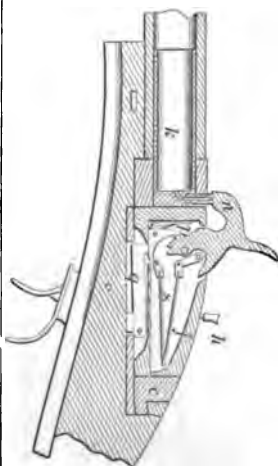
74887—M. Butler—Animal Trap.

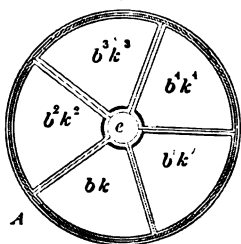
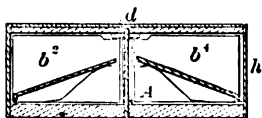
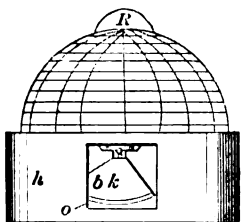
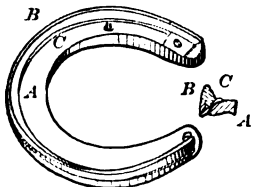
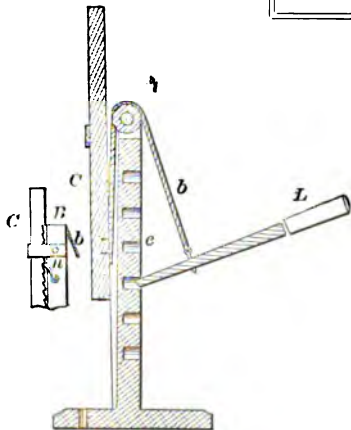
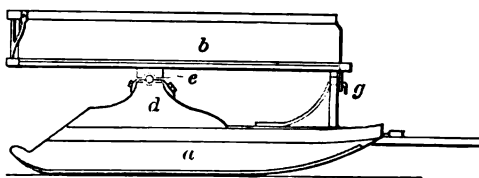
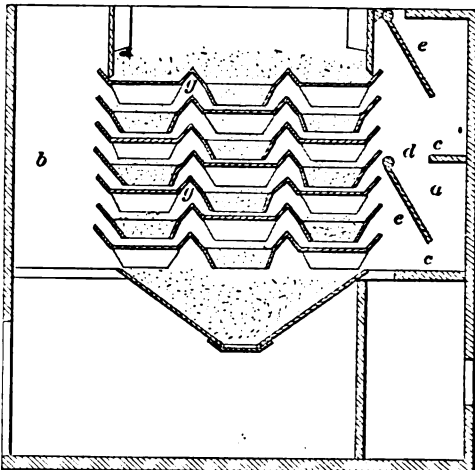
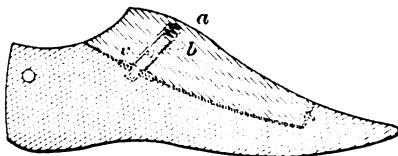
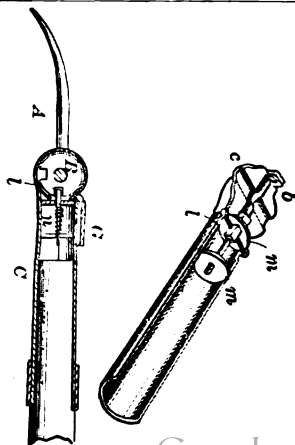


74883—J. Bradley—Flow.

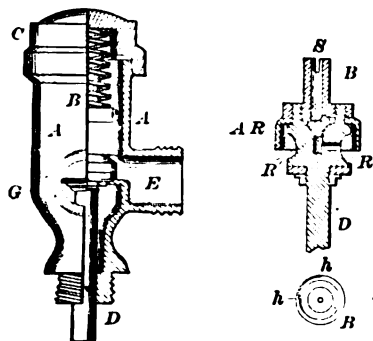


74888—C. Callaghan—Breech-Loading Fire Arm.

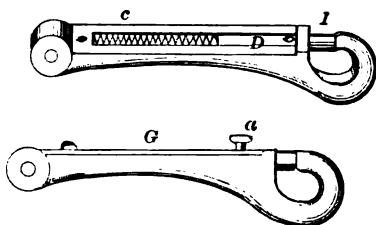


74889—C. R. Capps—*Animal Trap.*74892—G. T. Chapman—*Horse Shoe.*74894—O. Churchill—*Carriage Jack.*74891—S. Chamberlin—*Tip Sled.*74893—L. S. Chichester—*Grain Dryer.*74890—Carr & Holbrook—*Last.*74895—G. C. Cole—*Manure Fork and Hook.*

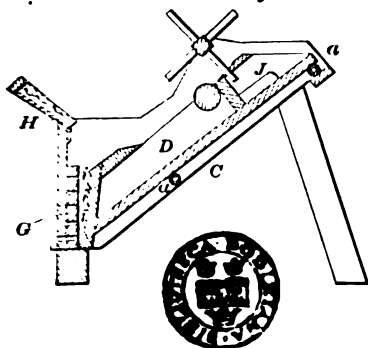
74896—W. S. Cooper—Water Closet Valve.



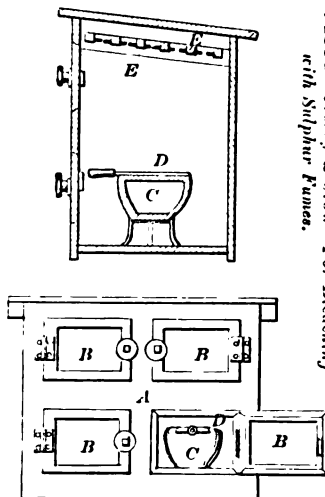
74897—J. C. Covert—Snap Hook.



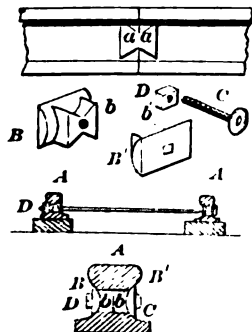
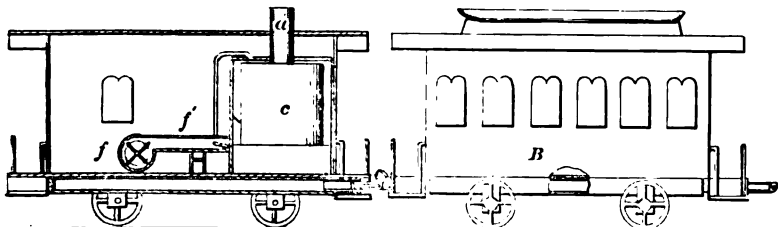
74902—L. S. Enos—Washing Machine.



74898—Crosby & Crow—For Heating with Sulphur Fumes.

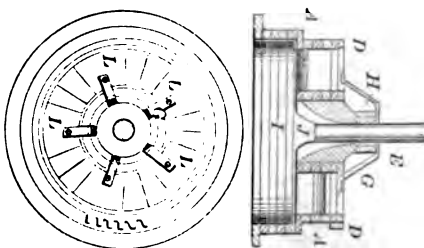


74899—D. H. Dotterer—For Heating and Ventilating Cars.

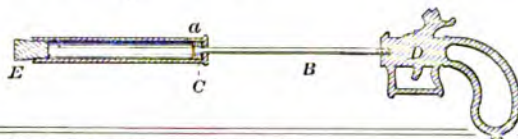


74900—E. H. Eberman—Railroad Rail Joint Splice.

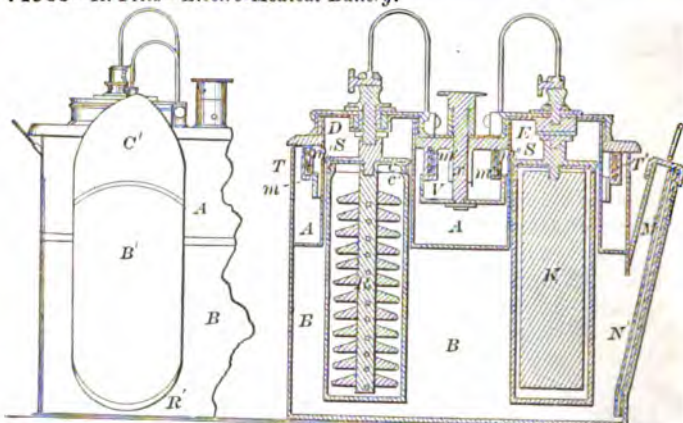
74903—F. R. Forris—Water Wheel.



74904—R. Frisbie—Toy Pistol.

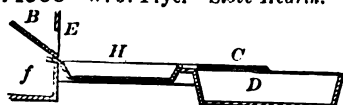


74905—H. Fritz—Electro-Medical Battery.



74907—J. W. Hartner—Solid Steel Knife.

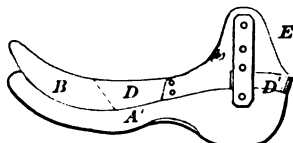
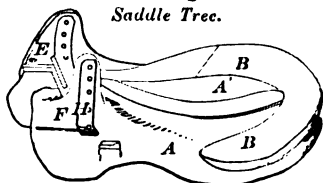
74906—W. J. Fryer—Stove Hearth.



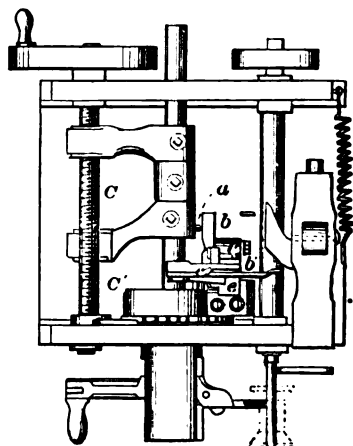
74908—M. J. Gaskill—Fence.



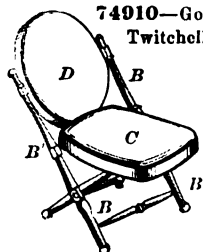
74909—J. B. Gathright—Side Saddle Tree.



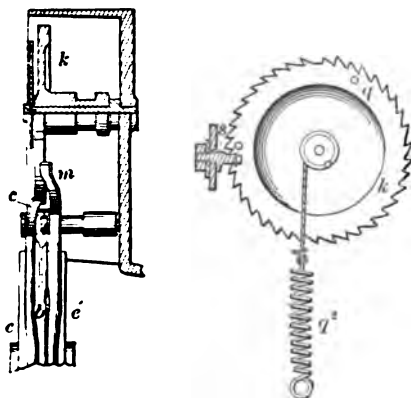
74911—W. Grover—Attachment for Thread Winding Machines.



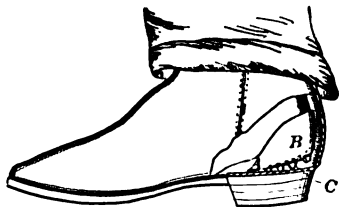
74910—Golightly & Twitchell—Chair.



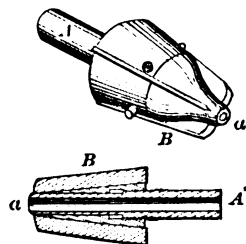
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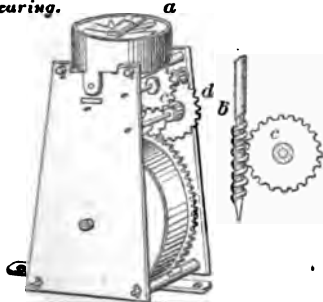
74912—A. N. Hadley—Boot and Shoe Insole.



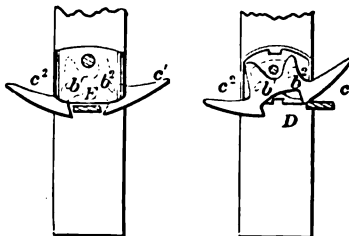
74913—L. Heywood—Rattan Machine.



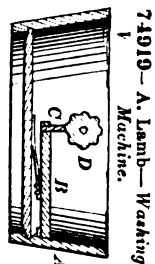
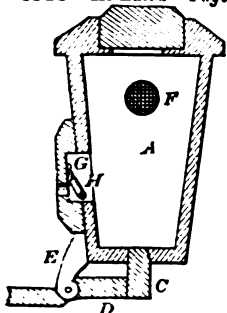
74914—Hitchcock & Jones—Lamp Train Gearing.



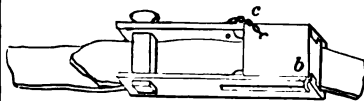
74915—S. Ingersoll—Gate Latch.



74918—H. Laird—Tuyere.



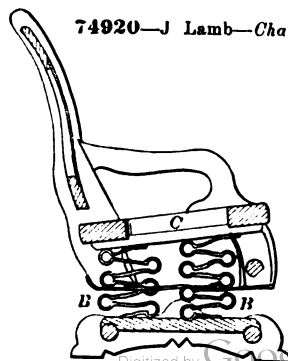
74916—G. B. Kirkham—Strap Holder.



74917—C. Klein—Folding Cradle.



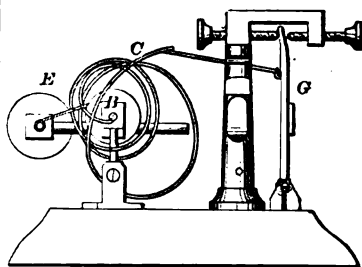
74920—J. Lamb—Chair.



74921—G. W. Lawbaugh—*Harness Pad Press.*



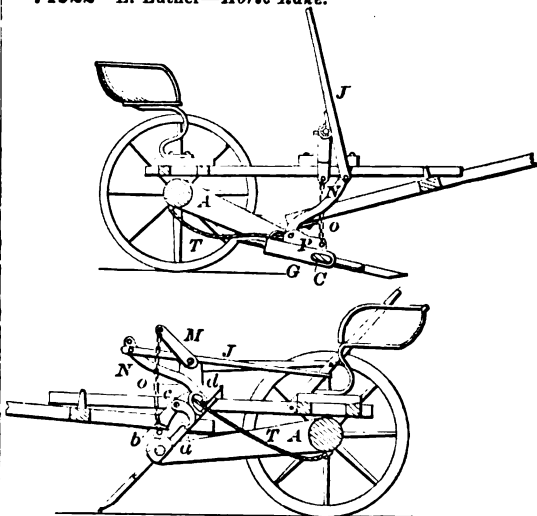
74925—W. N. McInnis—*Spring for Relay Magnets.*



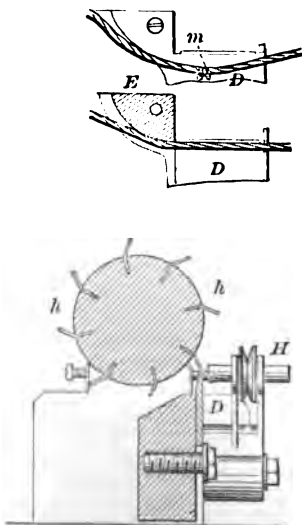
74924—W. McCord—*Horse Rake.*



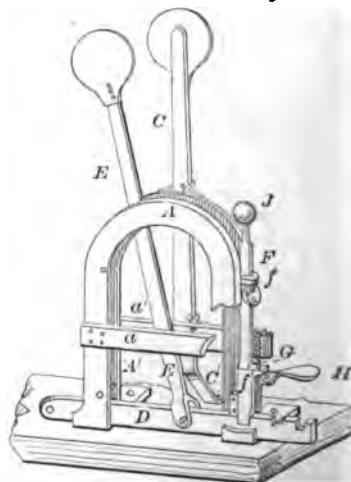
74922—E. Luther—*Horse Rake.*



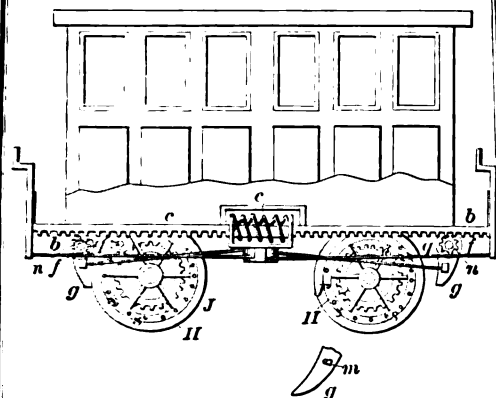
74923—C. L. Linton—*For Shearing Yarn.*



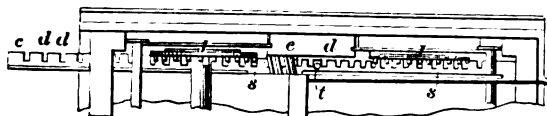
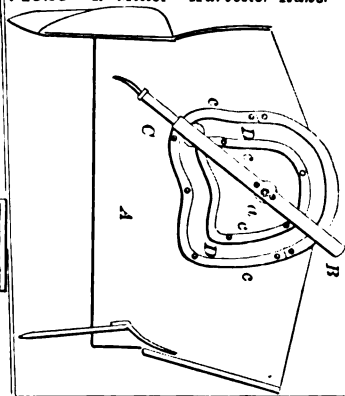
74926—A. McLeod—*Railway Switch Stand*



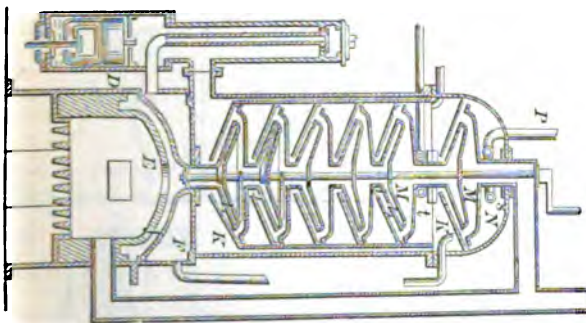
74927—J. McMurtry—For Starting Cars.



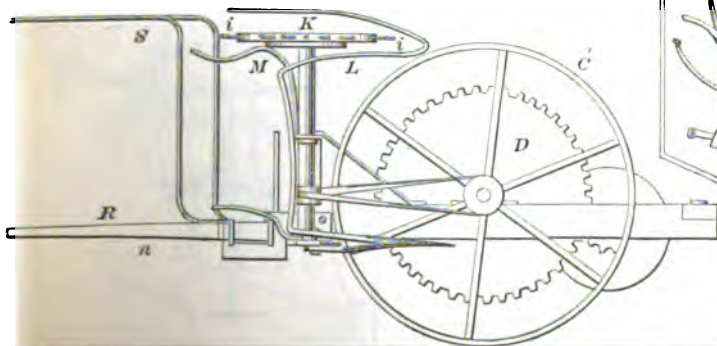
74929—L. Miller—Harvester Rake.



74930—Neumann, Lassoë & McCord—Steam Generator.

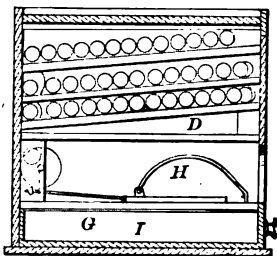
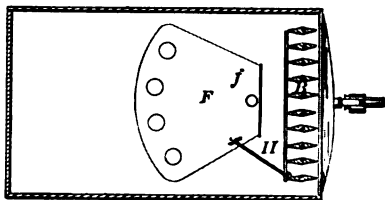
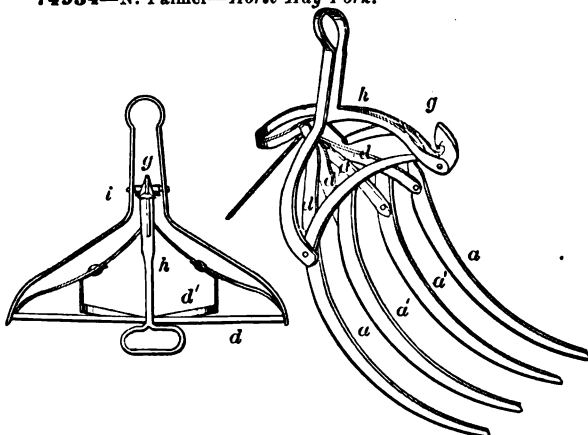
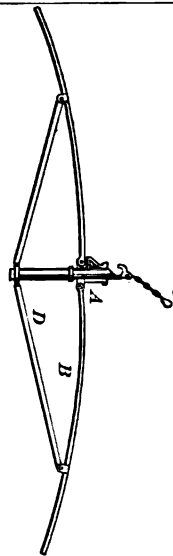
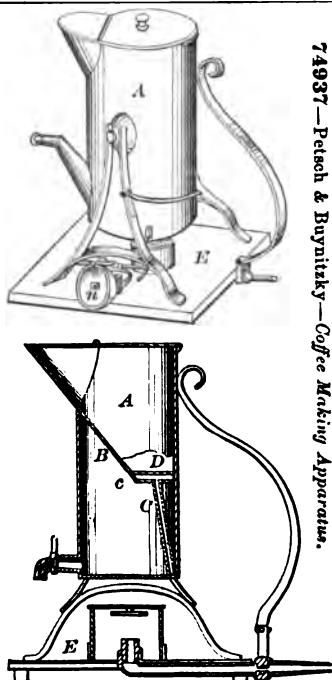
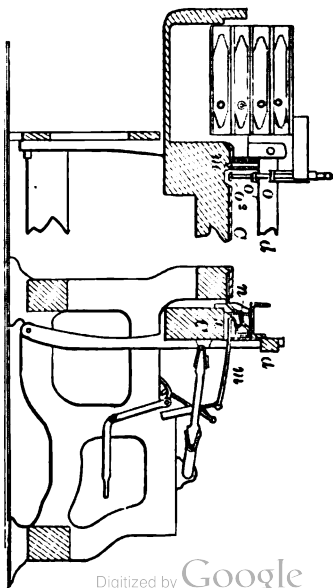


74928—Q. F. Messinger—Corn Harvester.



74931—H. Olsen—Life Preserving and Swimming Apparatus.

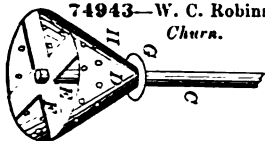


74932—J. P. Outcalt—*Ballot Box.*74936—B. B. Perkins—*Boiler and Hot Air Register.*74934—N. Palmer—*Horse Hay Fork.*74933—J. R. Palmer—*Mosquito Canopy.*74937—Petch & Baynitsky—*Coffee Making Apparatus.*74938—W. J. Quinn—*Loom.*

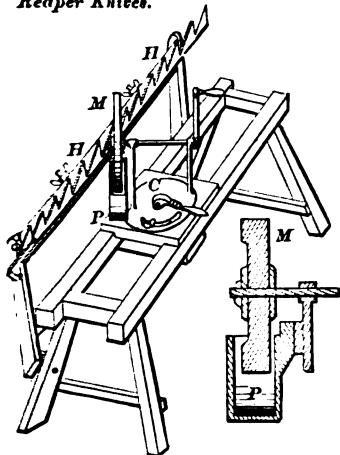
74939—J. Raddin—Car Wheel.



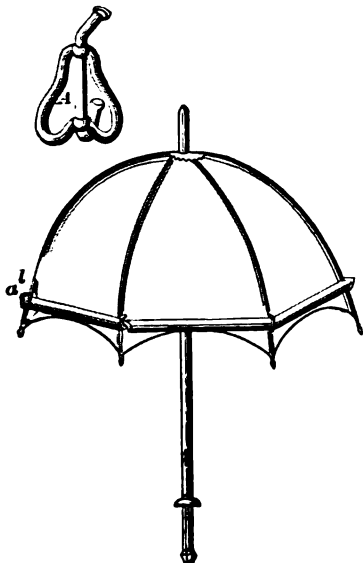
74943—W. C. Robinson—Churn.



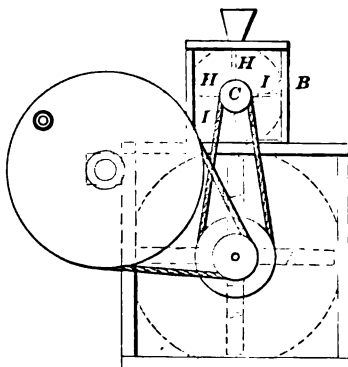
74942—C. Richardson—For Grinding Reaper Knives.



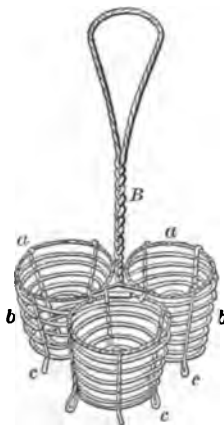
74944—E. F. Schreiner—Umbrella.



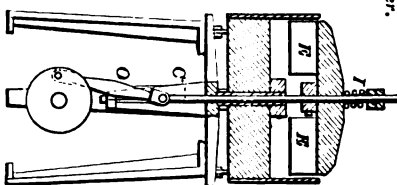
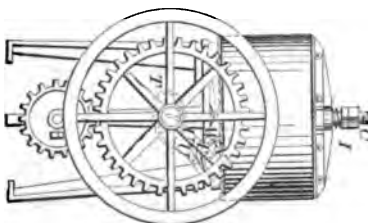
74941—J. B. Raynor—Churn.

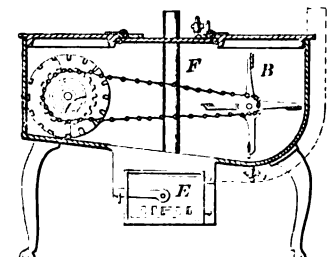
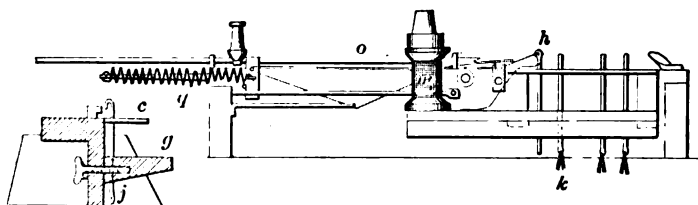
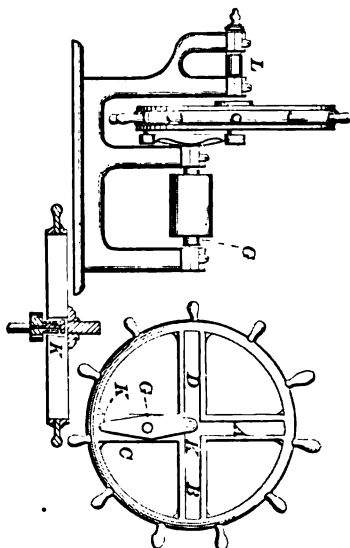
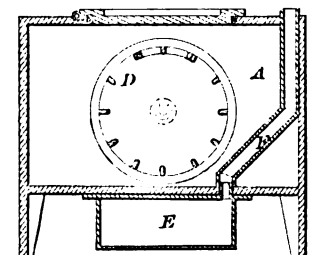
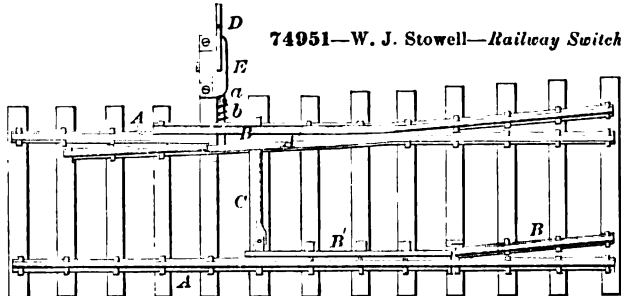
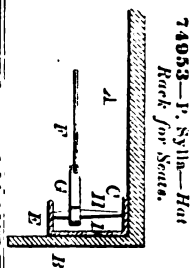
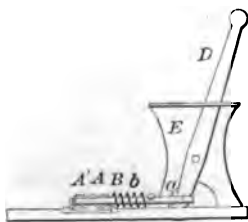
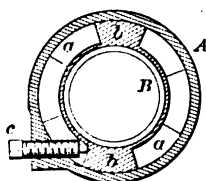
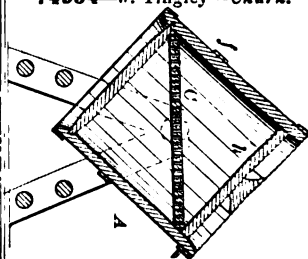


74945—D. Sherwood—Table Caster.

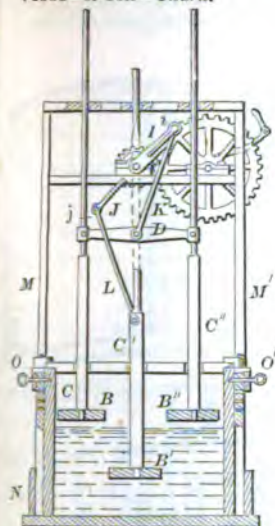


74947—J. E. Smith—Meat Cutter.

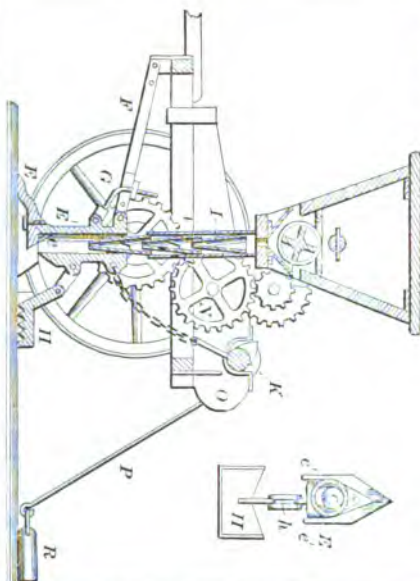


74948—D. M. Smyth—*For Sewing Books.*74949—D. E. Sones—*Washing Machine.*74952—W. R. Swinnerton—*Mechanical Movement.*74951—W. J. Stowell—*Railway Switch.*74953—J. Sylla—*Hat Rack for Seats.*74950—J. Steger—*Hose Coupling.*74954—J. Tingley—*Churn.*

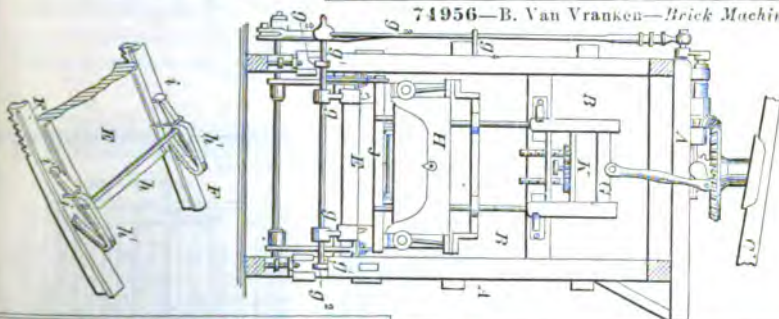
74955—J. Toll—Churn.



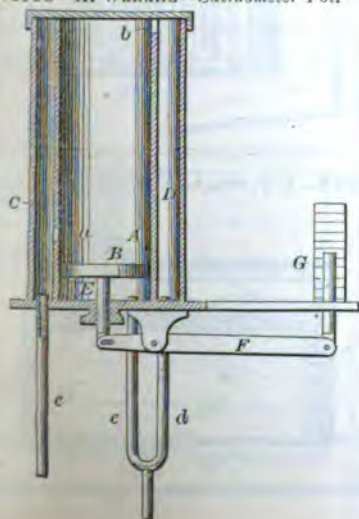
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74956—B. Van Vranken—Brick Machine.

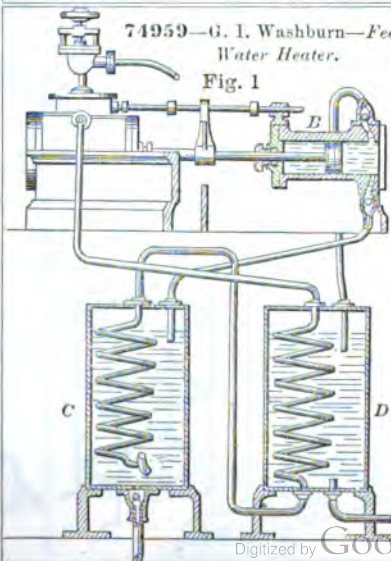


74958—H. Wanklin—Salinometer Pot.

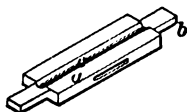


74959—G. I. Washburn—Feed Water Heater.

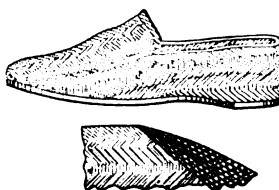
Fig. 1



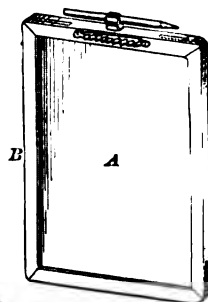
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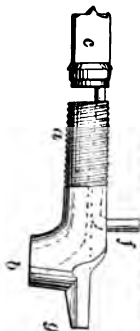
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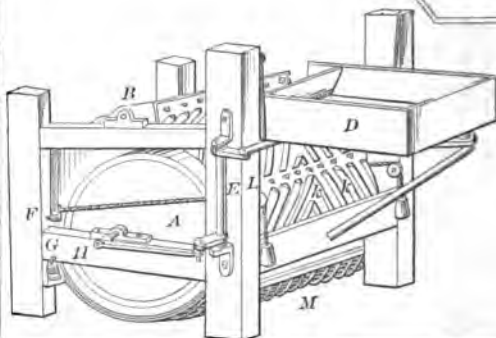
74964—Weigel, Lehnbeuter & Fegers—*School Slate.*



74961—A. Wood—*Boring Faucet.*



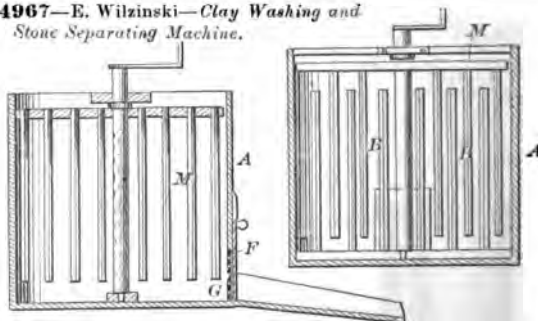
74965—J. R. Wilbur—*Corn Sheller.*



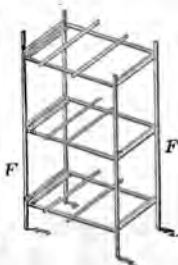
74966—D. Williamson—*Cork Pull.*



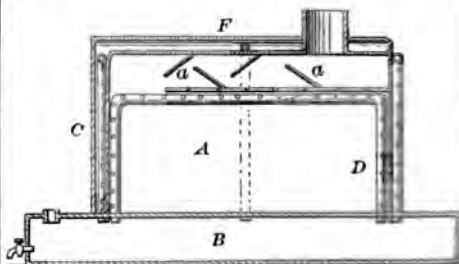
74967—E. Wilzinski—*Clay Washing and Stone Separating Machine.*



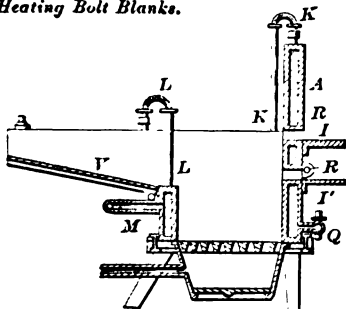
74968—J. D. McBride—*Attachment for Hot Air Registers.*



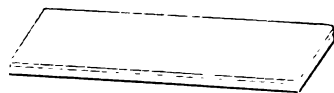
74969—A. P. Winslow—*Railroad Car Store.*



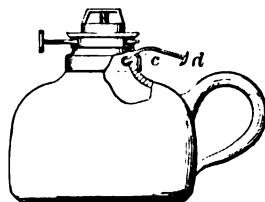
74970—A. Alexander—Furnace for Heating Bolt Blanks.



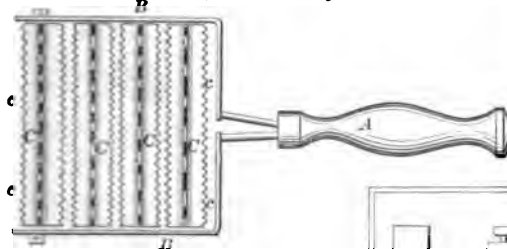
74971—A. M. Assay—Card for Artificial Teeth.



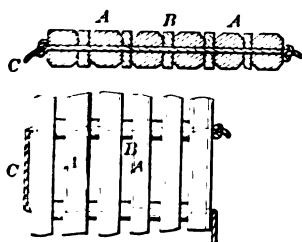
74972—S. K. Ayers—Lamp.



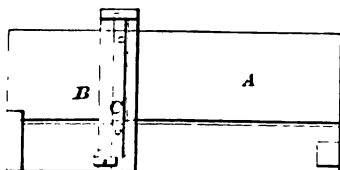
74974—J. H. Barringer, Jr.—Curry Comb.



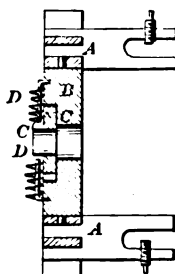
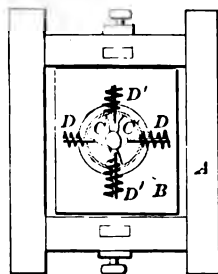
74975—W. Barton—Slat Matting.



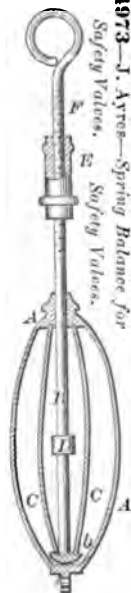
74977—L. Bennet—For Cutting out Drawers.



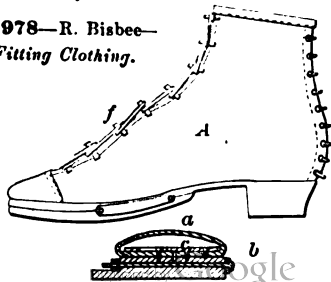
74976—S. Bean—Cone Cleaner.

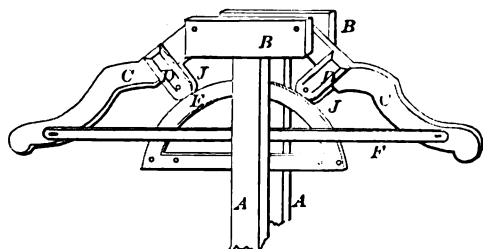
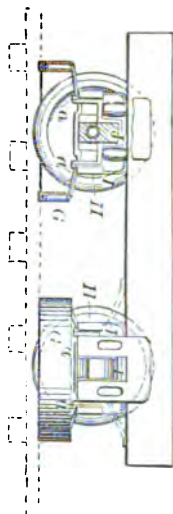
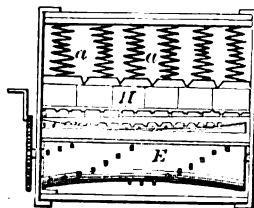
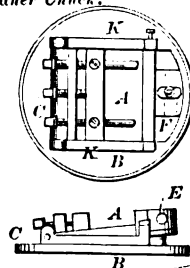
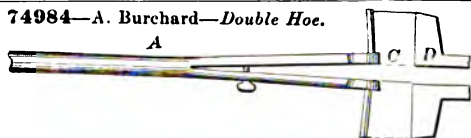
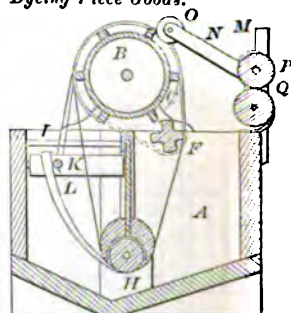
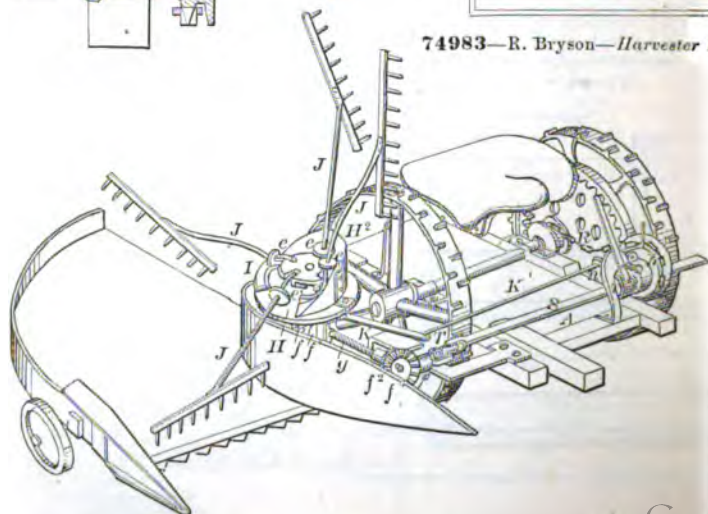


74973—J. Ayres—Spring Balance for Safely Valves.

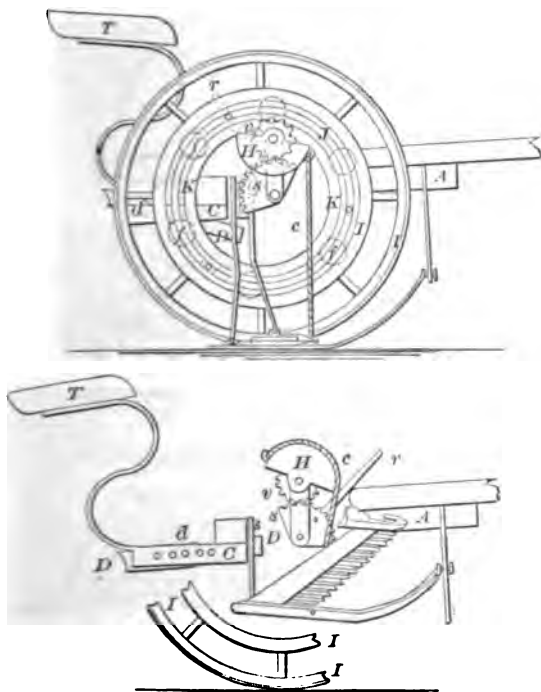


74978—R. Bisbee—Fitting Clothing.

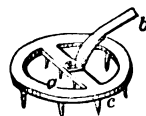


74979—M. Bockman—*Mechanical Movement.*74980—G. W. Brady—*Safety Attachment to Railroad Cars.*74981—J. Brinkerhoff—*Corn Sheller.*74982—R. A. Bruce—*Planer Chuck.*74984—A. Burchard—*Double Hoe.*74985—H. Burrows—*For Dyeing Piece Goods.*74983—R. Bryson—*Harvester Rake.*

74986—G. E. Burt—Mowing Machine.



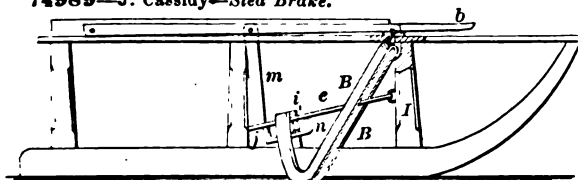
74987—J. H. Butler—Rake.



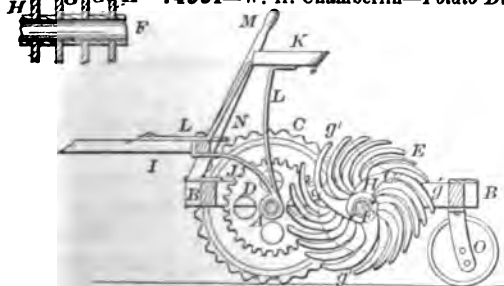
74988—J. Caldwell—Lantern.



74989—J. Cassidy—Sled Brake.



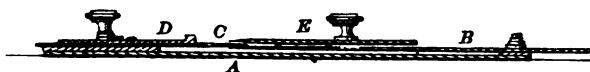
74991—W. H. Chamberlin—Potato Digger.

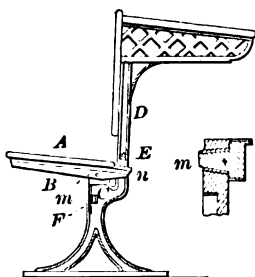
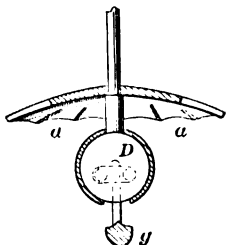
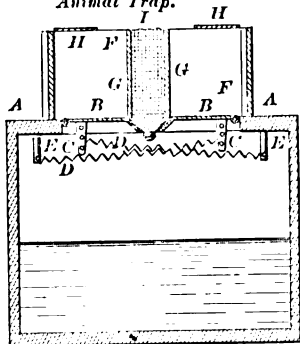
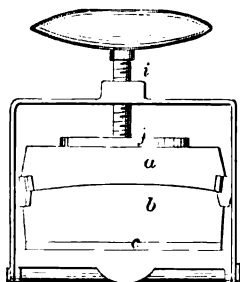
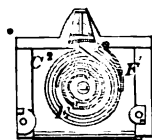
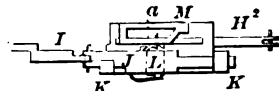
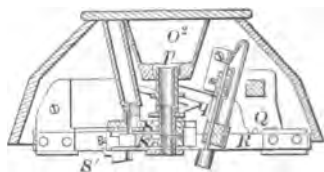
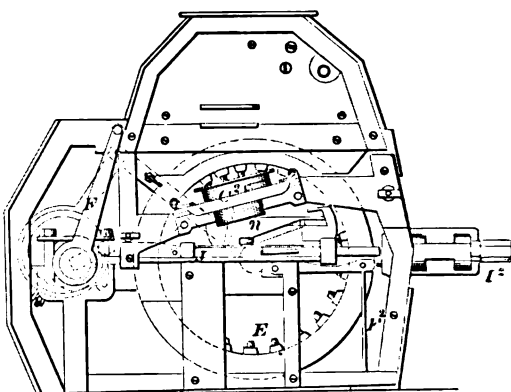
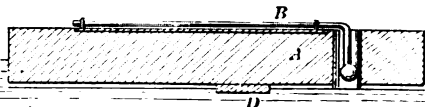
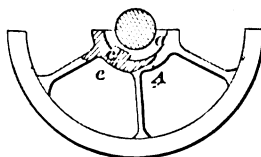
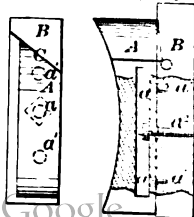


74992—T. C. Comstock—Implement.

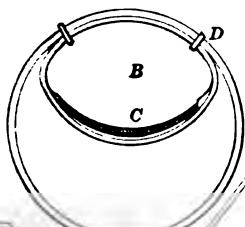


74960—Cawl, Corning & Wheeler—Sewing Machine Plaiter.

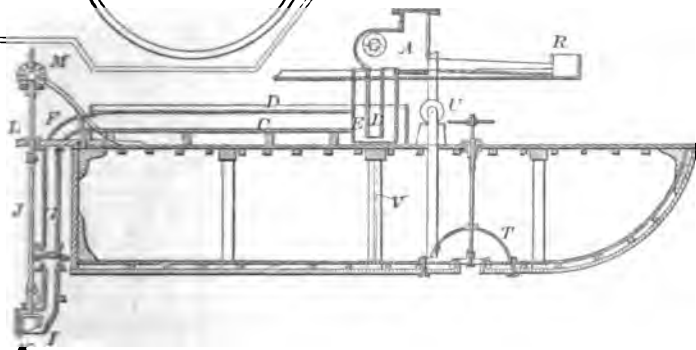


74993—I. Cook—*Adjustable Seat.***74995**—R. Crawford—*Churn Dasher.***74998**—J. M. Dearborn—*Animal Trap.***75000**—G. E. Donham—*Dentists' Flask.***74994**—T. J. Cranmer—*Self-Loading Battery Gun.***74997**—D. B. Day—*Floating Thermometer.***74999**—G. Dock—*Car Wheel.***75001**—G. Drake—*Car Brake Shoe.*

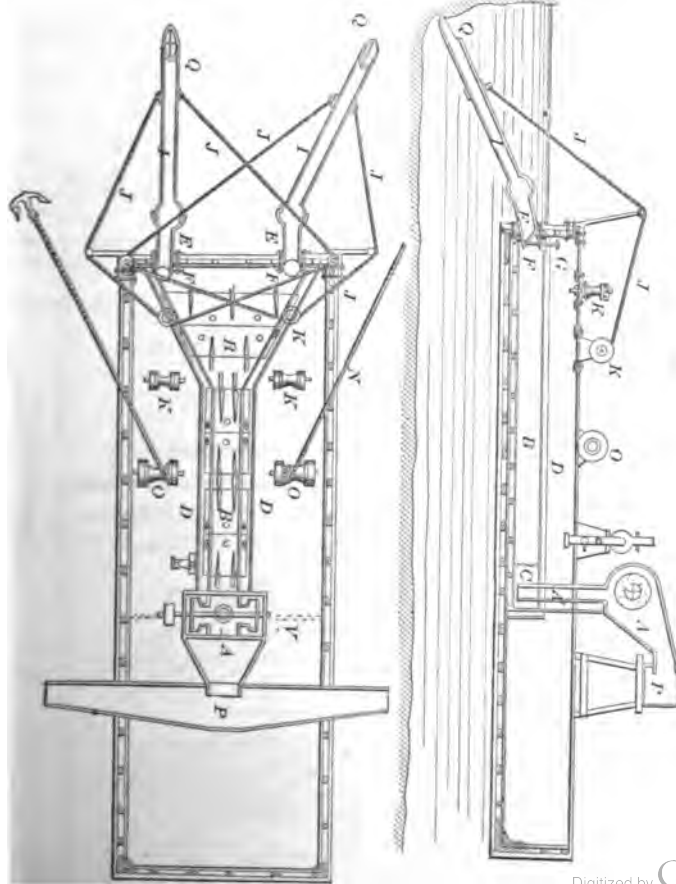
75002—W. Dunn—Fluid Strainer.



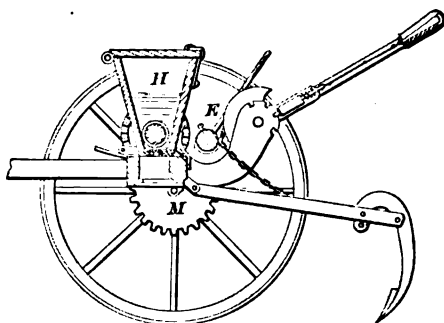
75003—A. Duvall—Excavating under Water.



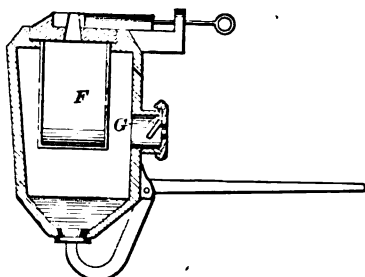
75004—A. Duvall—Excavating under Water.



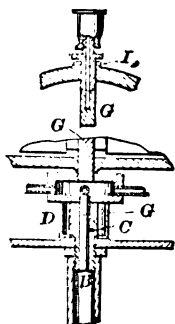
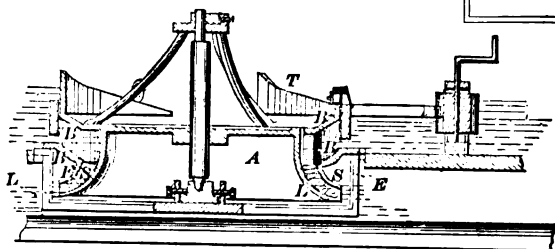
75005—Eggleston & Swain—Seeding Machine.



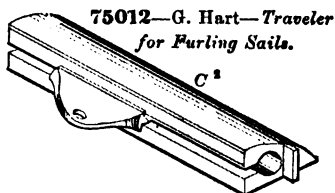
75007—B. Fish—Tuyere.



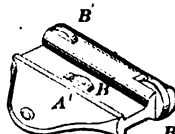
75009—M. D. Grow—Water Wheel.



75011—J. Hainsworth—Steam Blower.

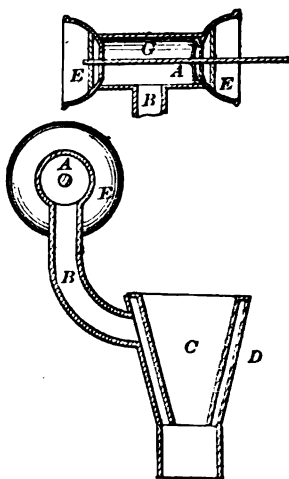


75012—G. Hart—Traveler for Furling Sails.

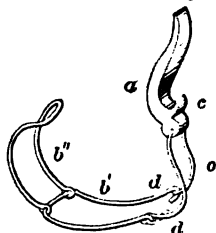


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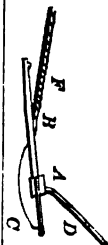
75010—F. Hainsworth—For Ventilating Water Closets.



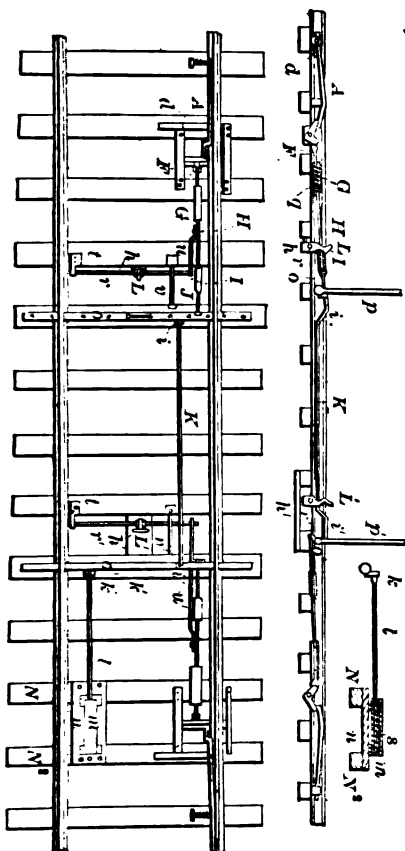
75008—L. H. Gano—Bag Tie.



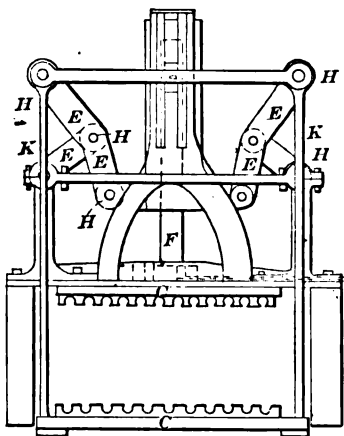
75006—J. Elliot—Horse Rake.



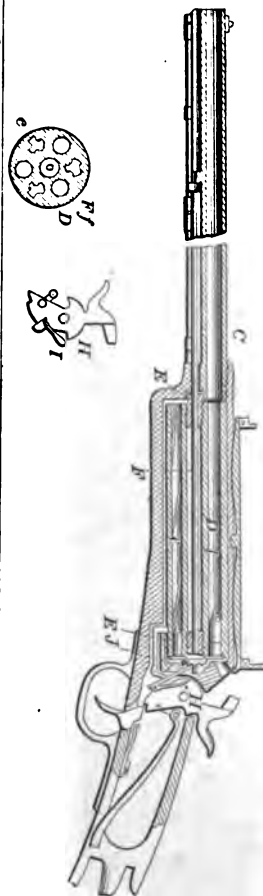
75013—A. Hartman—*Railroad Gate.*



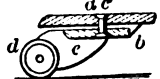
75015—C. W. Holbrook—*Hydraulic Press.*



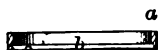
75016—G. Holman—*Revolving Fire Arm.*



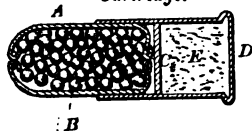
75017—Horton & McGaw—*Trunk Caster.*



75018—E. Howard—*Dust Ring for Watches.*

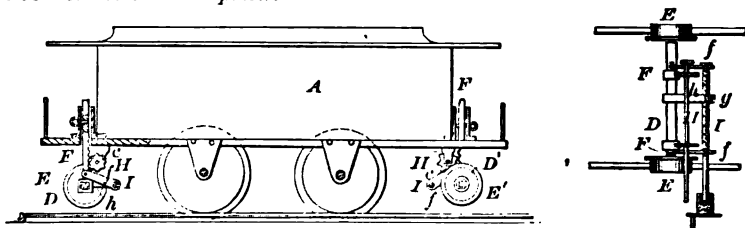
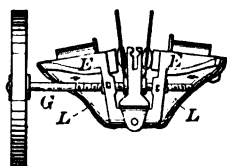
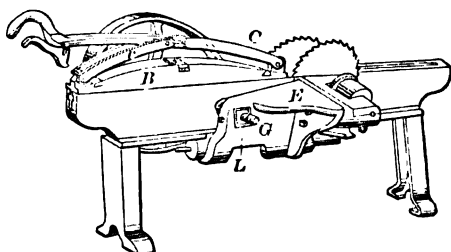
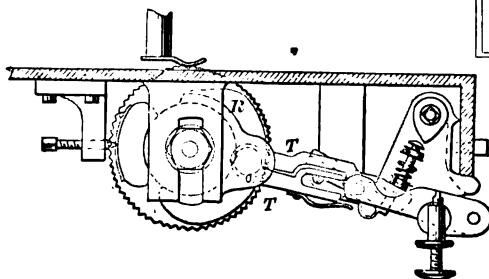
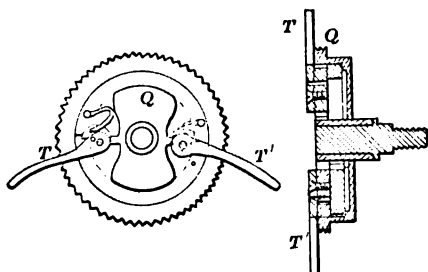
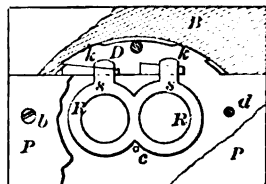
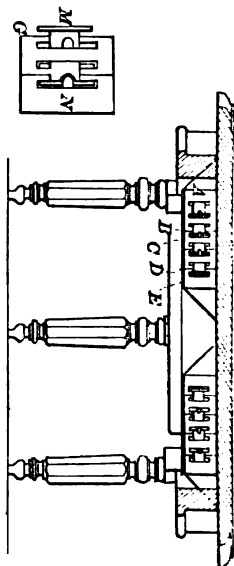


75019—W. O. Howard—*Shot Cartridge.*

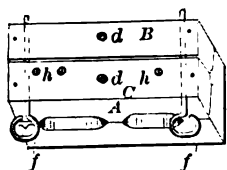
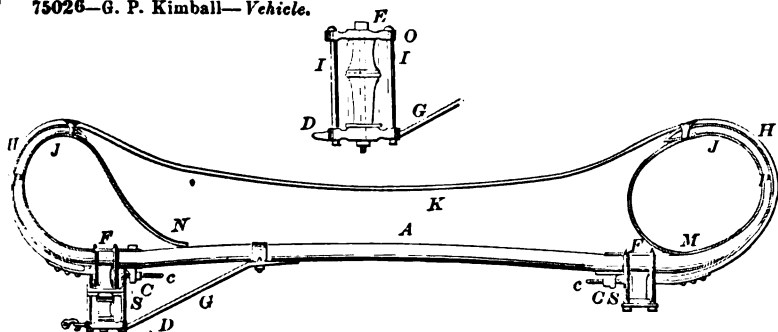


75014—G. G. Hickman—*Bottle.*

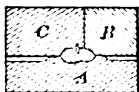


75020—C. Hurst—*Car Replacer.*75021—C. B. Hutchinson—*For Jointing Staves.*75023—J. T. Jones—*Friction Driver.*75024—J. T. Jones—*Friction Driver.*75025—W. Johnston—*Bedstead Fastening.*75022—N. Jenkins—*Extension Table Slide.*

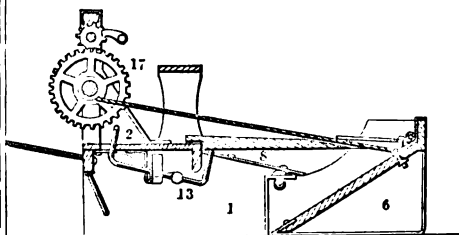
75026—G. P. Kimball—Vehicle.



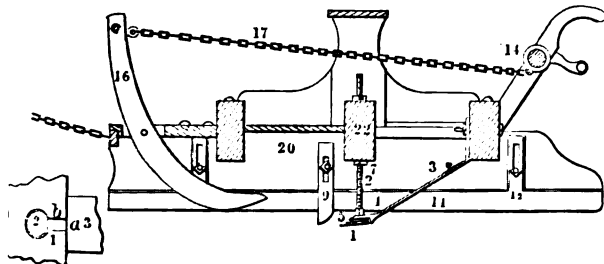
75027—A. A. Knowlton—Mould for Artificial Teeth.



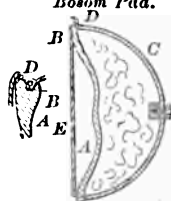
75028—S. Lewis—Snow Clearer.



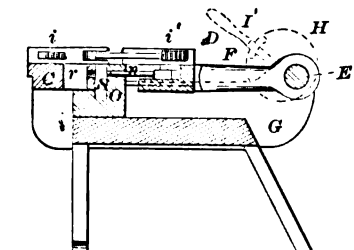
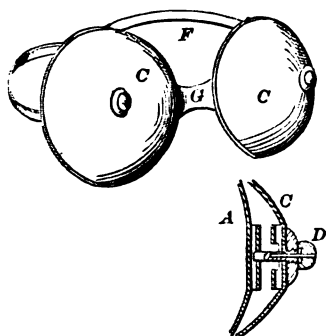
75029—S. Lewis—Ice Planer.



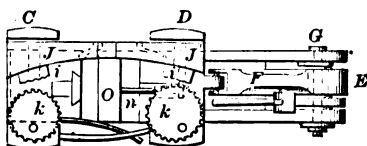
75031—H. W. Libbey—Bosom Pad.



75030—H. W. Libbey—Bosom Pad.



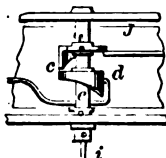
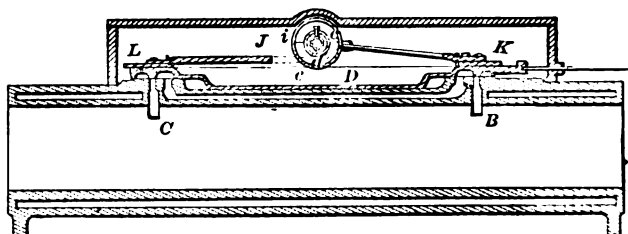
75032—S. E. Lockwood—Punching and Upsetting Apparatus.





75033—J. A. J. Logan—Reflector.

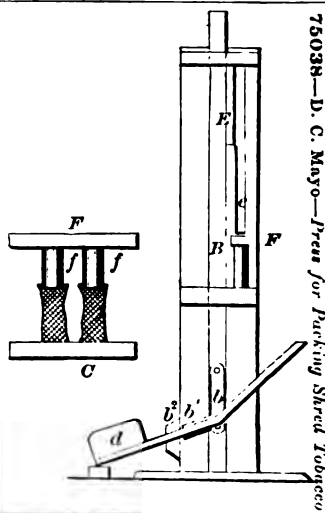
75034—H. O. Lothrop—Steam Engine Cut-off.



75035—V. H. Lyon—Fruit Gatherer.

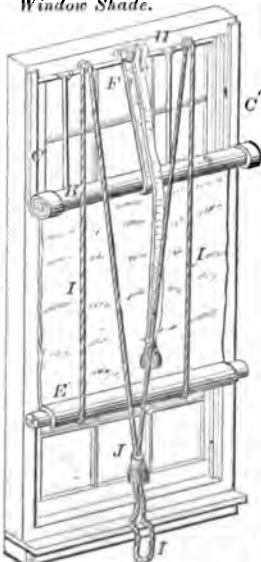


75036—C. Manheim—Catamenial Sack.

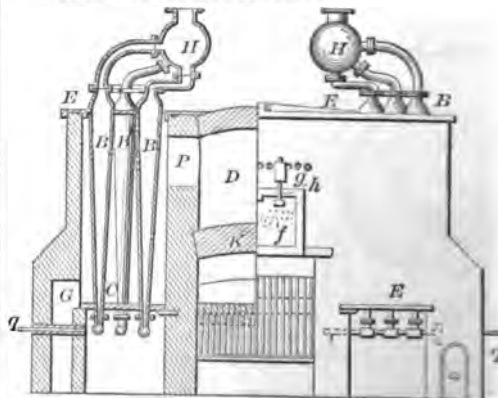


75038—D. C. Mayo—Press for Packing Shred Tobacco.

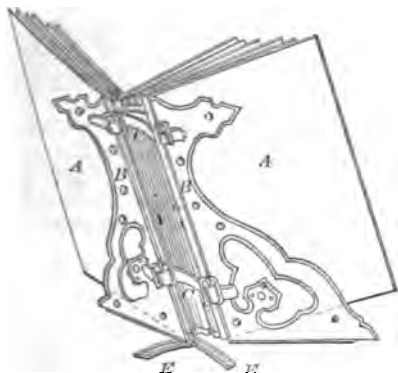
75037—C. G. Matchett—Window Shade.



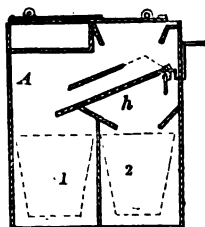
75039—D. N. Melvin—Steam Generating Furnace.



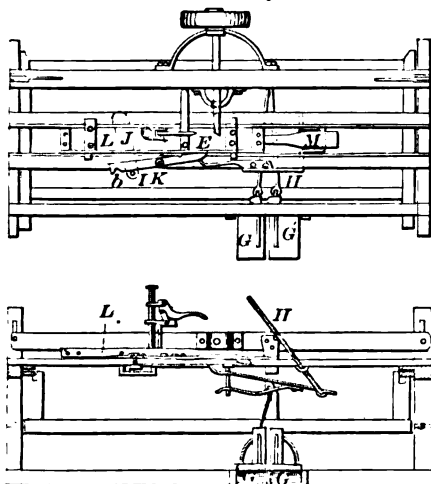
75040—W. Milliken—Book Cover and Stand.



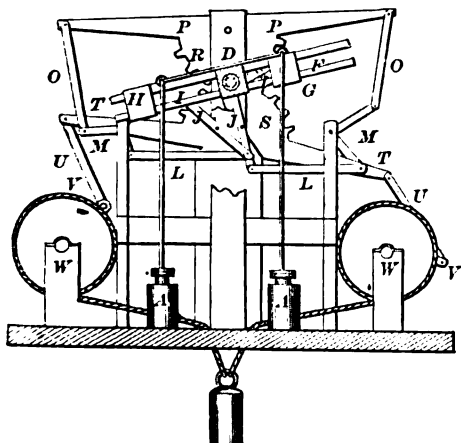
75043—D. Morrison—Coal Sifter.



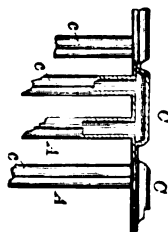
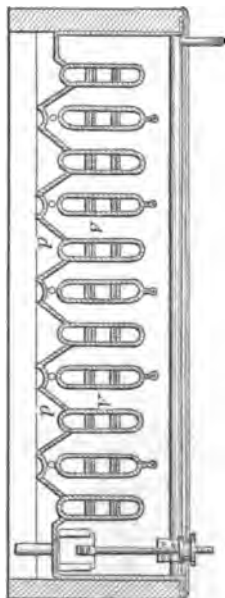
75041—B. F. Mohr—For Boring Posts.

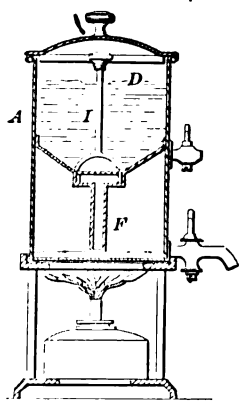
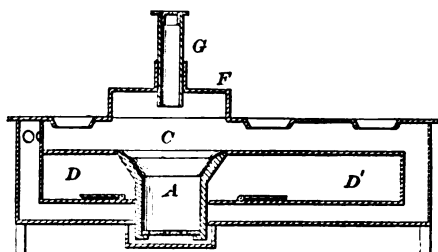
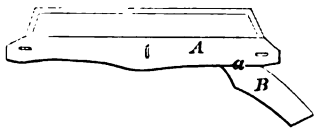
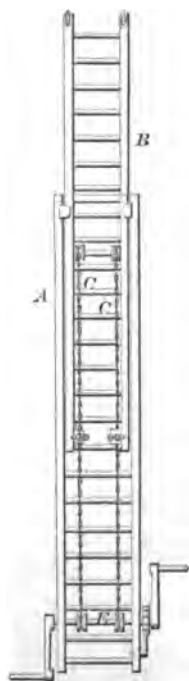
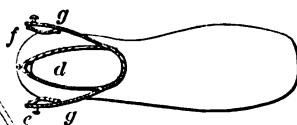
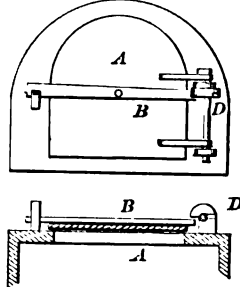
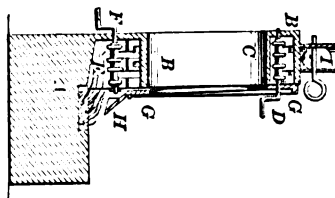
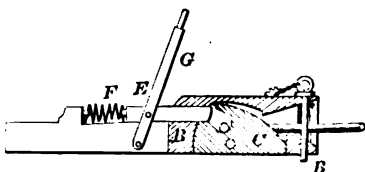
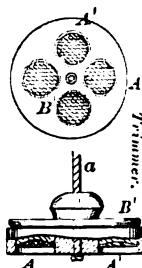
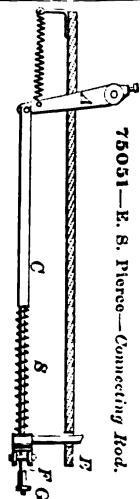


75042—H. Moore—Air Condensing Apparatus.

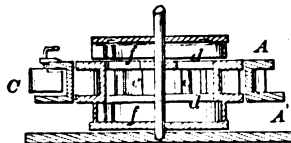


75044—R. Morton—Liquid Cooler.

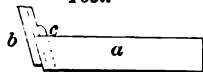


75045—J. Nason—*Coffee Pot.*75046—B. Nott—*Cooking Stove and Range.*75047—G. F. Perkins—*Collar and Neck Tie.*75052—B. Pine—*Extension Ladder.*75048—C. Perley—*Shoe.*75053—J. L. Reilly—*Furnace Door Latch.*75050—E. Pierce—*Tire Heater.*75055—S. O. Rogers, Jr.—*Car Coupling.*75054—E. S. Rice—*Plow Wheel.*75049—H. Fernot—*Milliard Cue*75051—E. S. Pierce—*Connecting Rod.*

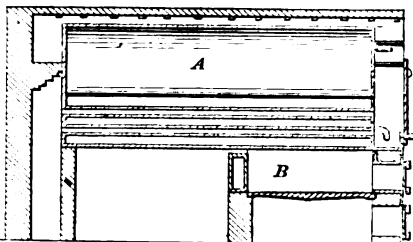
75056—Rose & Wright—Water Wheel.



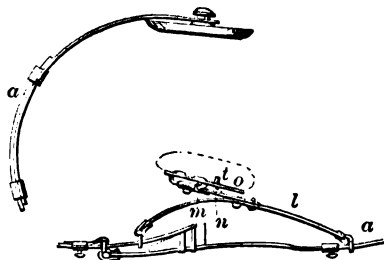
75060—T. Shaw—Lathe Tool.



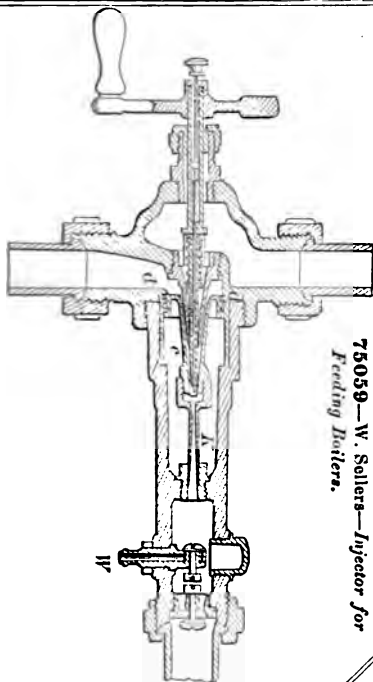
75057—S. Sawyer—Steam Generator.



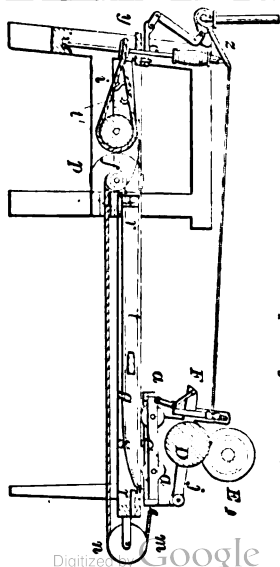
75061—J. A. Sherman—Truss.



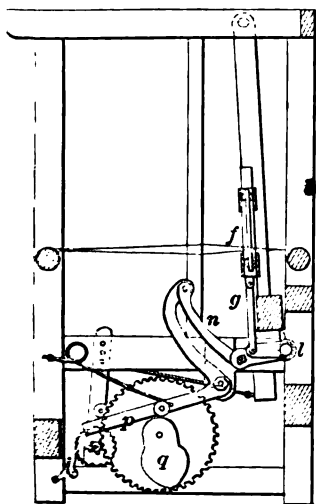
75059—W. Sellers—Injector for Feeding Boilers.



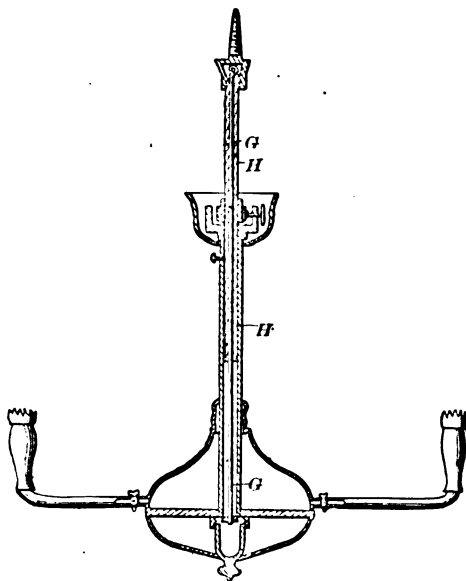
75063—A. W. Silvis—Hand Spinning Machine.



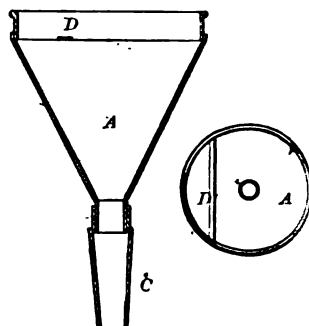
75062—Silbermann & Unger—Loom.



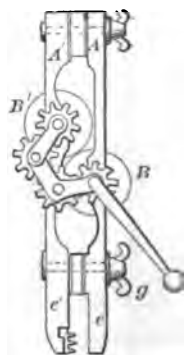
75064—R. J. Skinner—Chandelier.



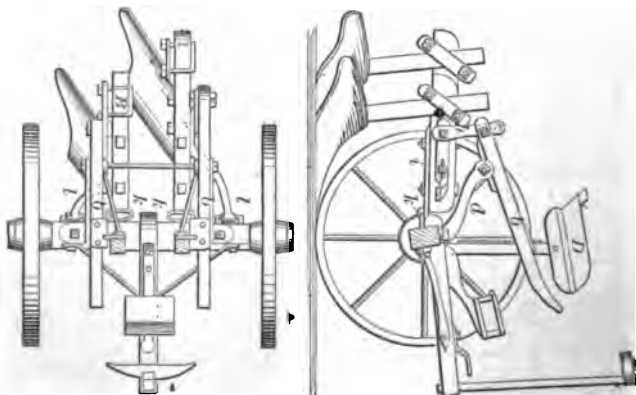
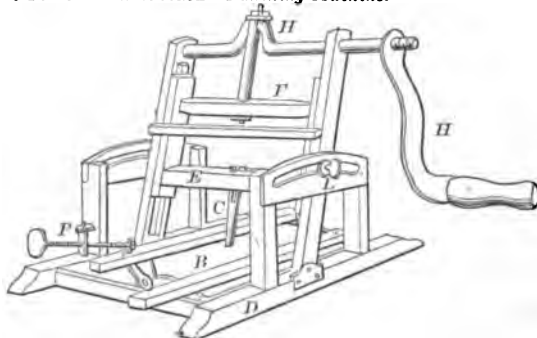
74065—T. W. Slade—Funnel.



75066—H. E. Smith—Clothes Wringer.

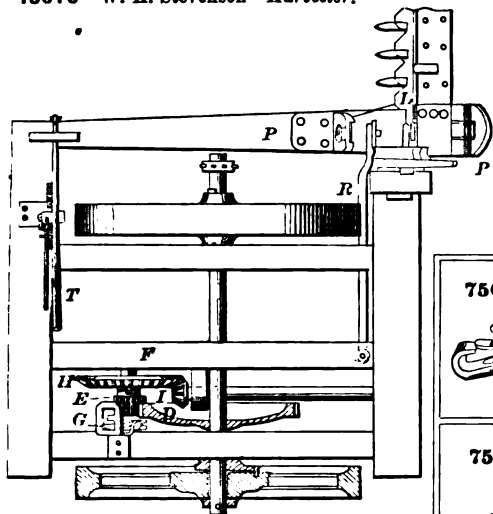


74068—C. Steinbach—Punching Machine.

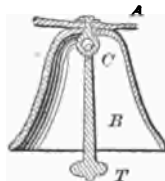


75069—G. Steingger—Gang Plow.

75070—W. H. Stevenson—*Harvester.*



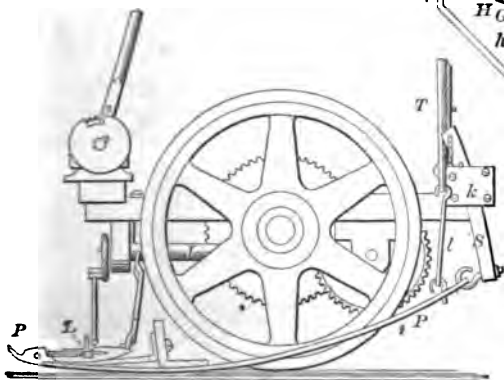
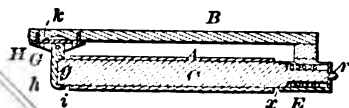
75071—G. M. Strong—*Sleigh Bell.*



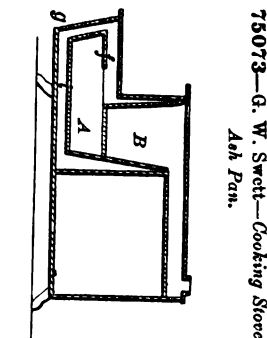
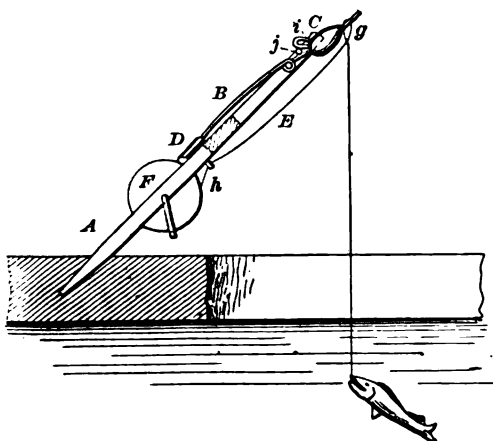
75074—A. Sweetland—*Hame Fastener.*



75072—A. Studley—*Curtain Fixture.*

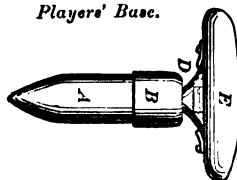


75075—D. C. Talbot—*Fishing Tackle.*

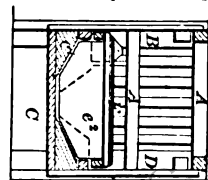


75073—G. W. Swett—*Cooking Stove Ash Pan.*

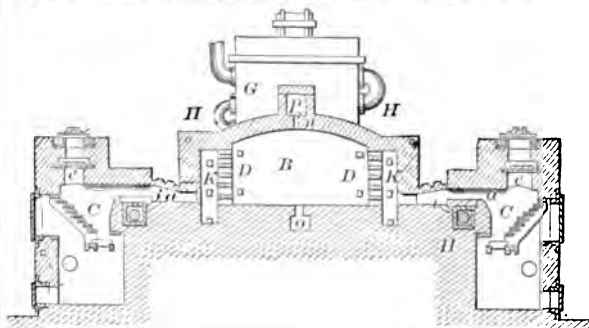
75076—E. D. Taylor—*Ball Players' Base.*



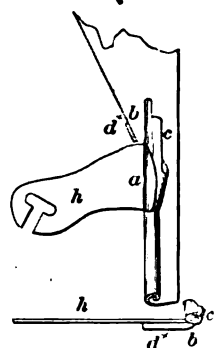
75077—J. Taylor—*Sheep Rack.*



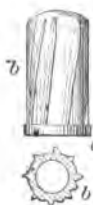
75078—A. Thoma—Furnace for Decarbonizing Pig Iron.



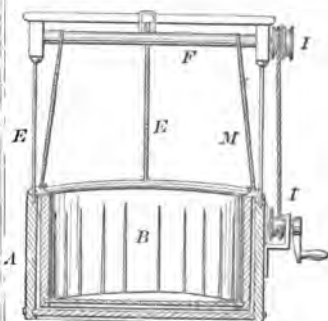
75079—W. H. Thomas—Sewing Machine Hemmer.



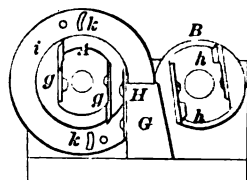
75080—A. C. Twining—Custard Socket.



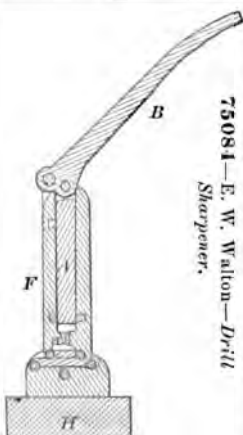
75081—Vine & Hubb—Dyers' Vat.



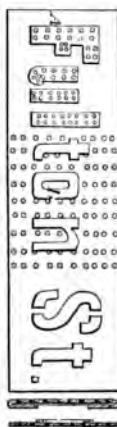
75082—I. S. Waite—For Finishing Card Handles.



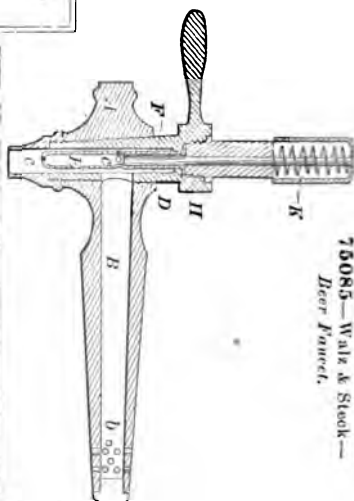
75084—E. W. Walton—Drill Sharpener.



75086—W. P. Ware—Street Lamp Sign.



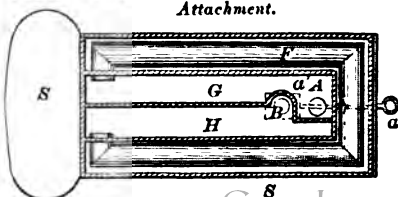
75085—Waltz & Stock—Beer Funnel.



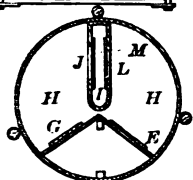
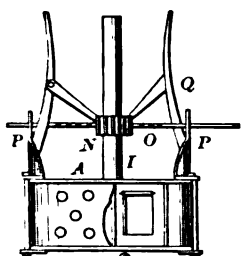
75083—W. Wakenhaw—Twining Bag.



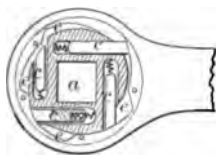
75087—B. J. Watson—Store Heat Radiating Attachment.



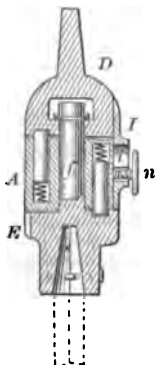
75088—J. R. Weisiger—*Pump.*



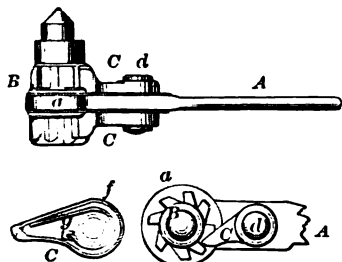
75089—T. A. Weston—*Ratchet Head and Lever.*



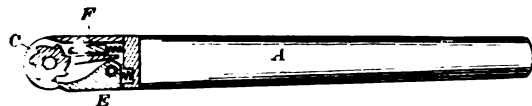
75091—T. A. Weston—*Ratchet Brace.*



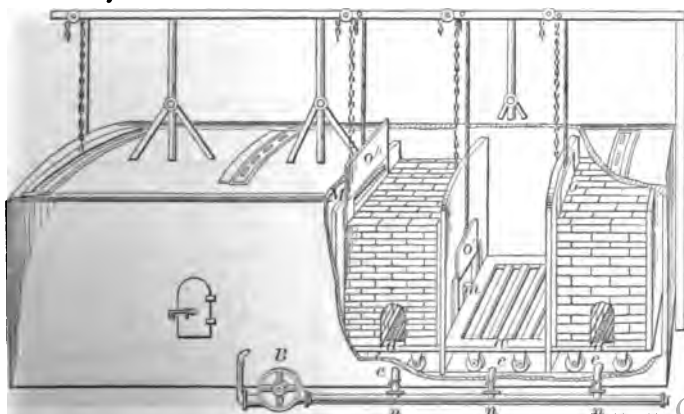
75092—T. A. Weston—*Ratchet Brace or Lever.*



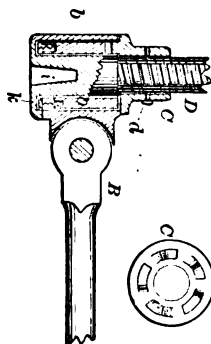
75093—T. A. Weston—*Ratchet Brace Lever.*



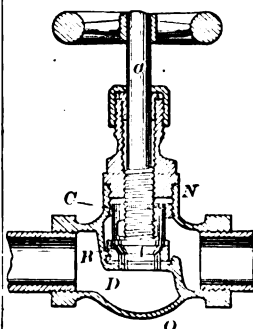
75096—H. D. Whittemore—*Brick Kiln.*



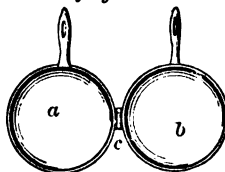
75090—T. A. Weston—*Ratchet Head and Lever.*



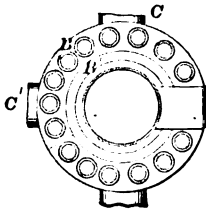
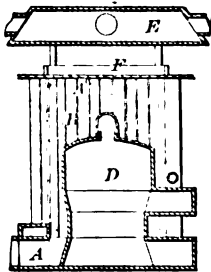
75094—S. H. Whitaker—*Globe Valve.*



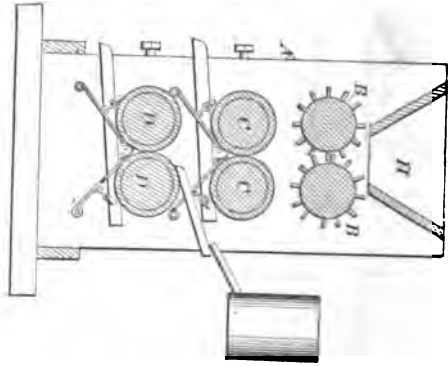
75095—R. C. Whitehouse—*Frying Pan.*



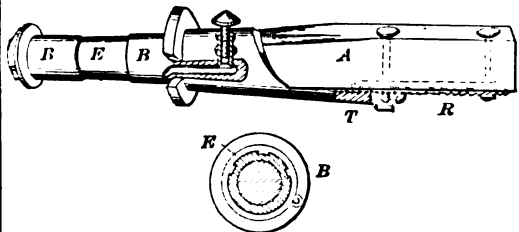
75097—C. F. Whorf—*Hot Air Furnace.*



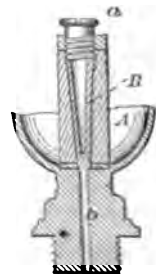
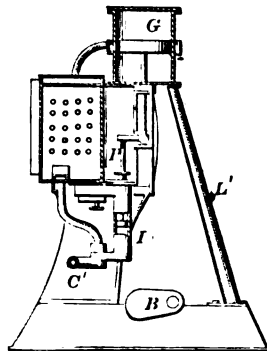
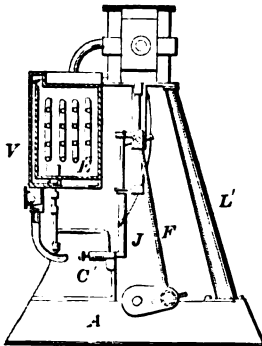
75101—J. D. Willoughby—*Cider Mill.*



75099—J. A. Williams—*Vehicle Axle.*

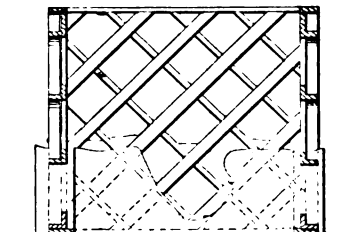


75102—I. S. Wilson—*Surface Condenser.*

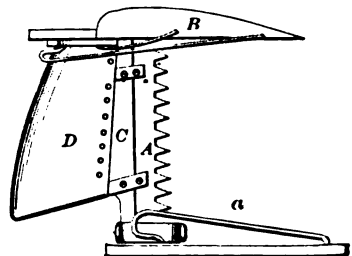


75100—N. B. Williams—*Oil Cup.*

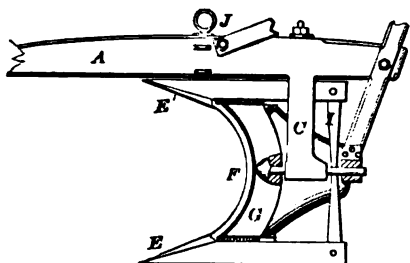
75098—C. Williams—*Construction of Walls of Buildings.*



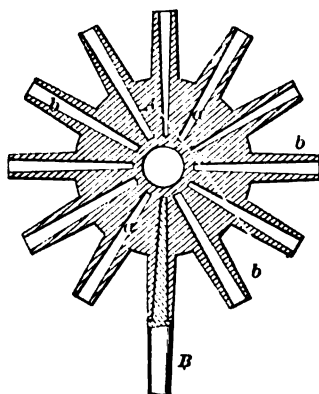
75103—R. C. Wrenn—*Hemp Harvester.*



75104—H. B. Abbott—*Hillside Plow.*



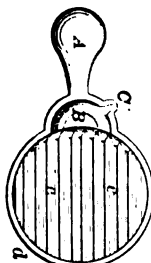
75105—S. Allaire—*Carriage Hub.*



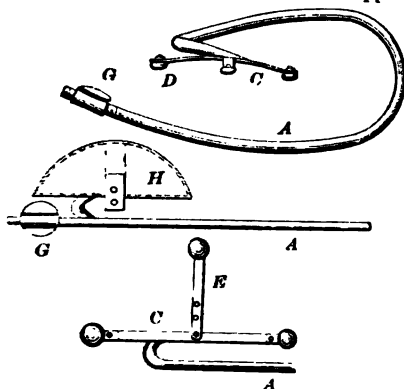
75106—W. Allender—*Aluminum Teeth Plate.*



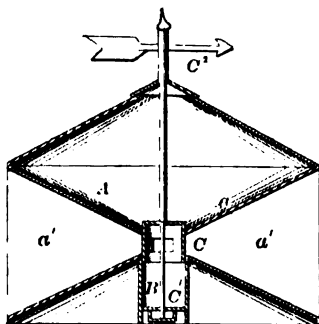
75107—W. Andrews—*Gridiron.*



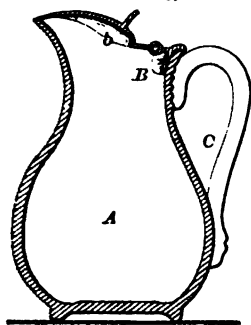
75108—G. W. Antisdale—*Truss and Supporter.*



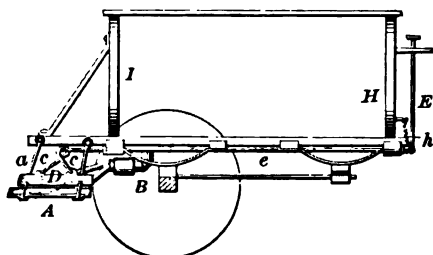
75109—C. W. Atkeson—*Cowl.*

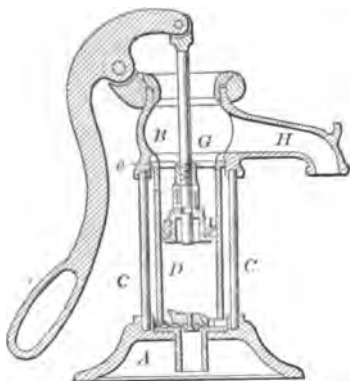
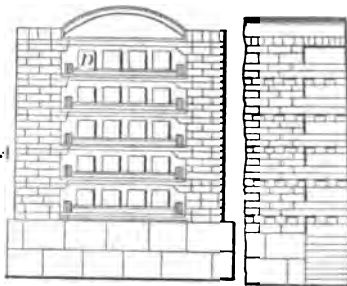
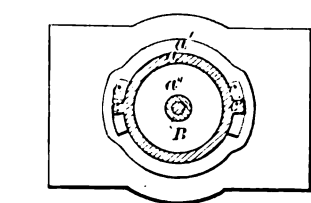
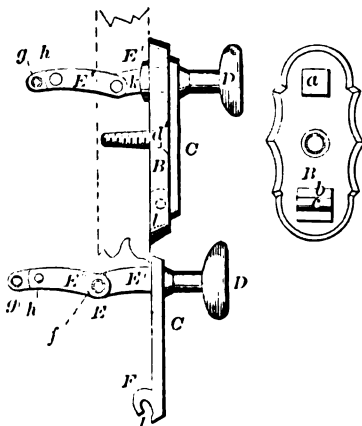
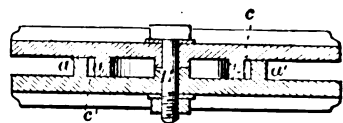
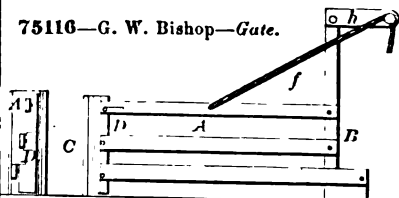
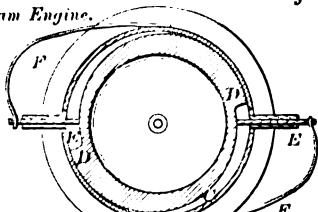
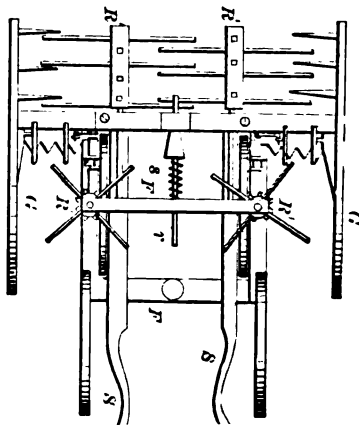


75110—J. S. & T. B. Atterbury—*Glassware.*

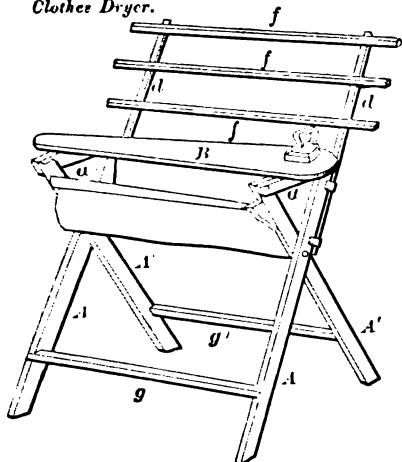


75111—L. F. Bancroft—*Street Sprinkler.*

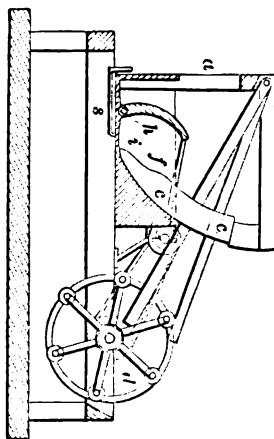


75112—J. S. Barden—Pump.**75113—D. Barker—Dryer.****75118—Bonsull & Hillebrand—Bell Pull.****75115—A. W. Bennett—Center Plate for Railroad Cars.****75116—G. W. Bishop—Gate.****75114—J. H. Beidler—Wash Board.****75117—Boicourt & Barnes—Rotary Steam Engine.****75119—E. Boswell—Corn Harvester.**

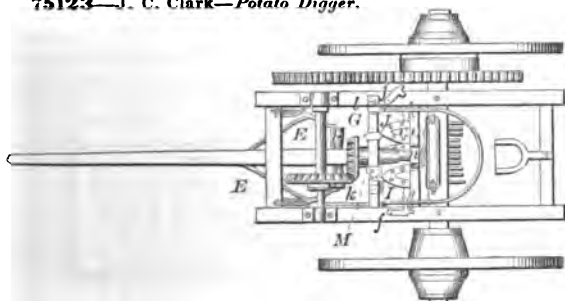
75120—B. S. Boydston—Ironing Stand and Clothes Dryer.



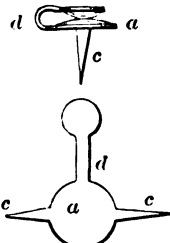
75122—A. Cutaneo—For Pulling Hat Bodies.



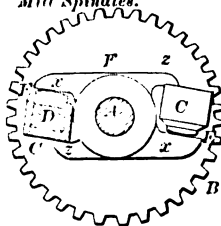
75123—J. C. Clark—Potato Digger.



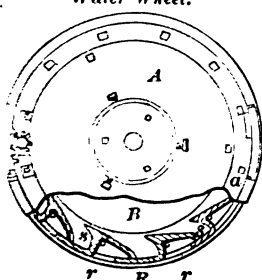
75126—O. H. Cooke—Shoe Lacer.



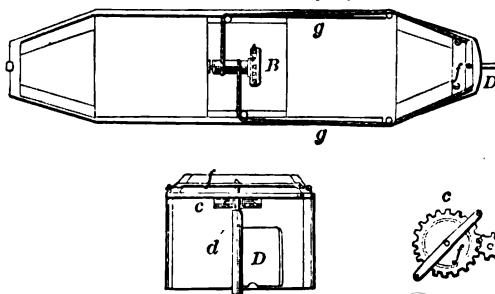
75124—T. L. Clark—Spring Equalizer for Mill Spindles.

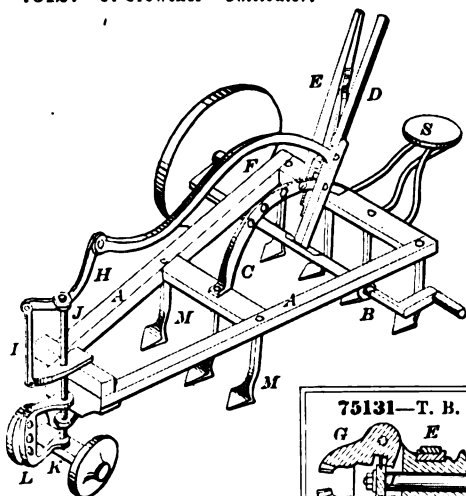
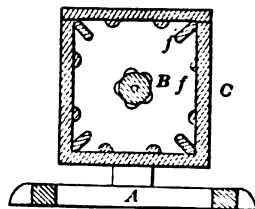
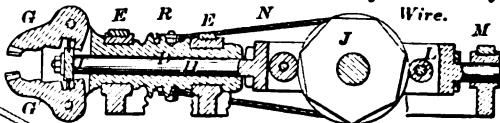
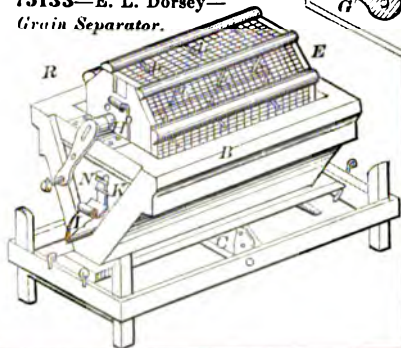
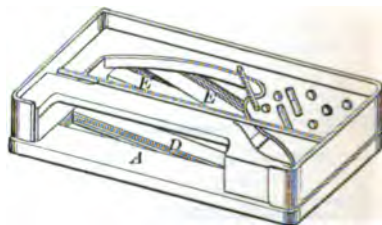
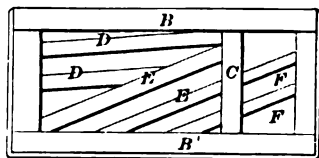
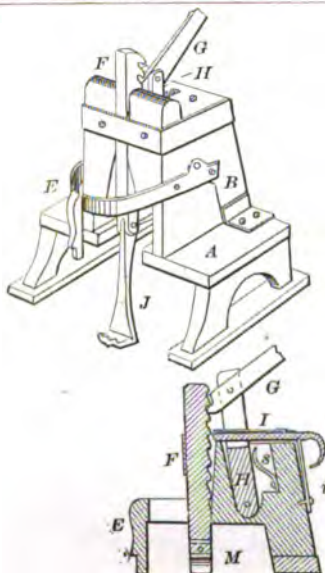
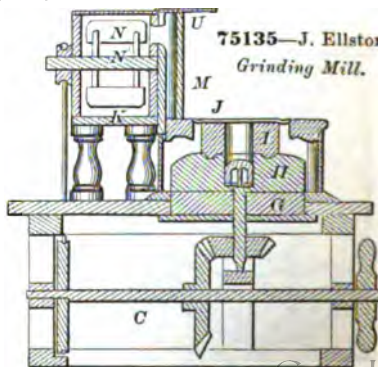


75121—N. F. Burnham—Water Wheel.

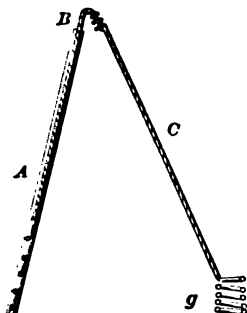


75125—G. H. Colbert—Steering Apparatus.

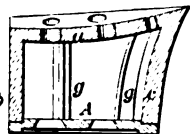


75127—J. Crowther—*Cultivator.*75129—G. Custer—*Washing Machine.*75130—A. R. Davis—*Card Board for a Printing*75131—T. B. De Forest—*For Reducing and Pointing Wire.*75133—E. L. Dorsey—*Grain Separator.*75132—A. F. Dessau—*Piano Forte Frame.*75134—J. Douglas—*Lifting Jack and Spike Extractor.*75135—J. Ellston—*Grinding Mill.*

75136—J. Emery—
Lamp Shade.



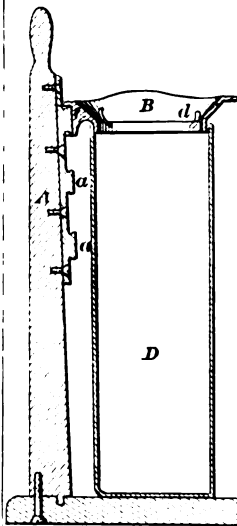
75137—T. S. Engledow—
Boot and Shoe Heel.



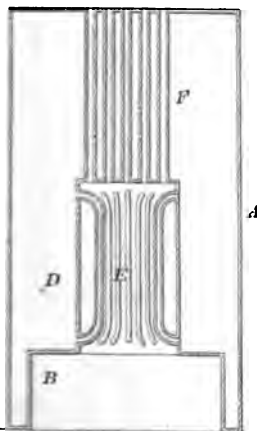
75140—H. Fassmann—
Cotton
Butte Tie.



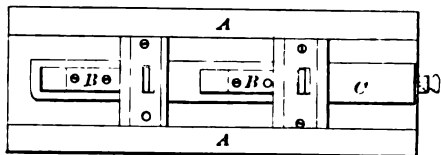
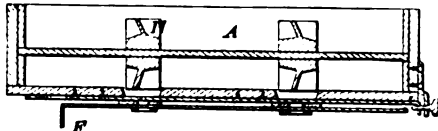
75138—E. C. Fairchild—
Dog Holder.



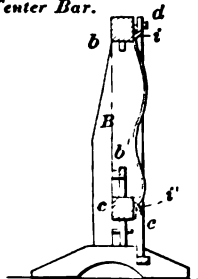
75141—H. T. Fenton—
Steam
Generator.



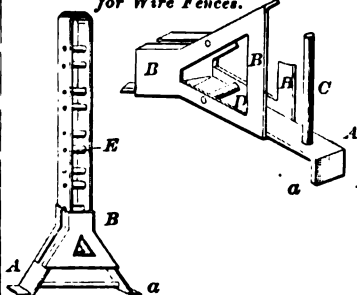
75142—J. R. Finch—
Grain Drill.



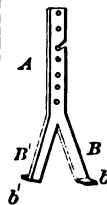
75143—S. L. Fiske—
Tenter Bar.



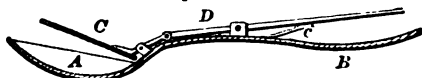
75144—H. K. Flinchbaugh—
Iron Post
for Wire Fences.



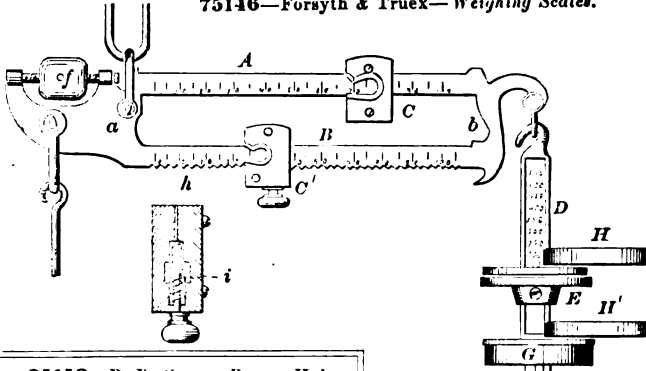
75145—H. K. Flinchbaugh—
Iron Post for Wire
Fences.



75139—S. Farrer—
Spoon.



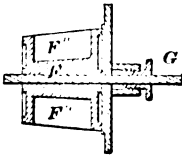
75146—Forsyth & Truex—Weighing Scales.



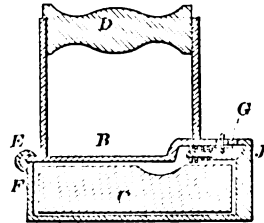
75152—J. C. Govers—Window Shade.



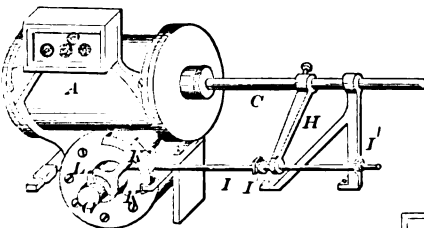
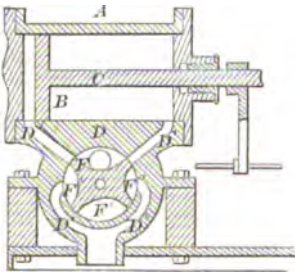
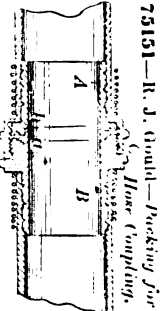
75153—R. D. Gray—Rotary Valve



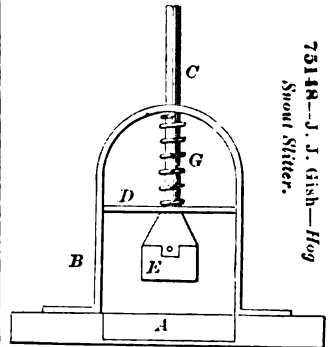
75150—R. J. P. Goodwin—Sad Iron.



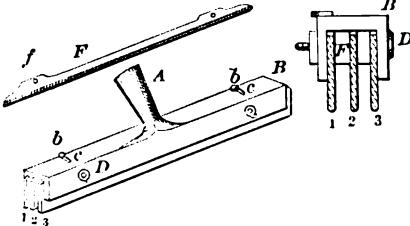
75151—R. J. Gould—Picking for Floor Compacting.



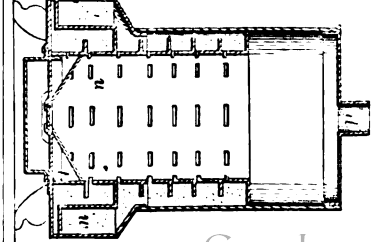
75148—J. J. Gish—Hog Snout Sifter.



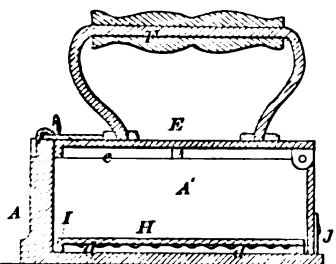
75154—H. B. Grebinger—Scrubber Holder.



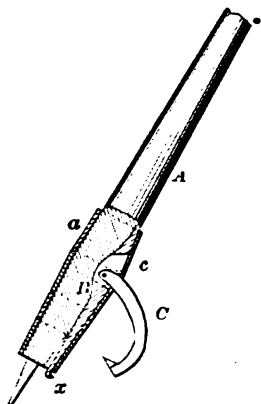
75155—C. B. Gregory—Fireplace.



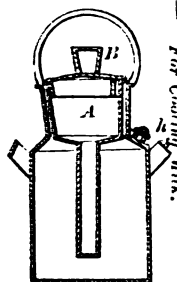
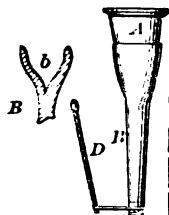
75156—J. Grüssi—*Flatiron*.



75162—G. W. Herring—*Cant Hook*.

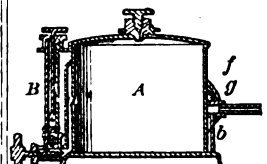
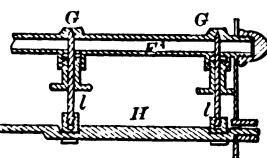


75158—J. R. Hamilton—
For Making Local Applications.

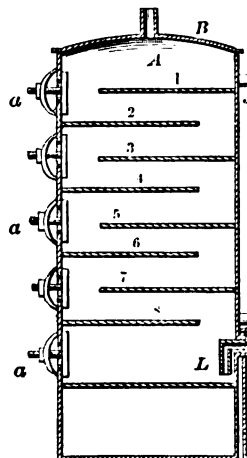
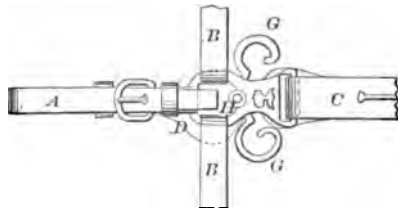


75160—Hawley & Westcott—
For Condensing Milk.

75165—J. S. Hull—*Hydro-Carbon Burner.*



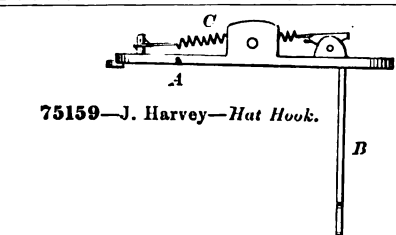
75157—J. N. Guger—*Tug and Chain Carrier*.



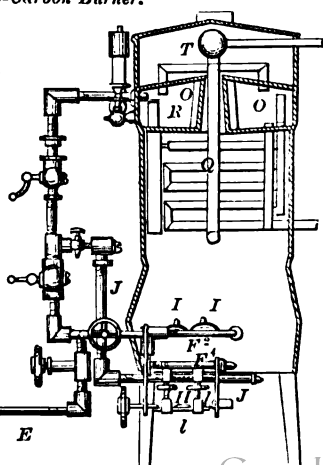
75163—J. S. Houston—*For Heating and Purifying Feed Water for Steam Generators.*

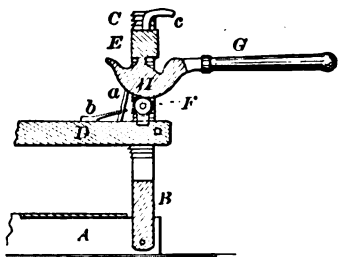
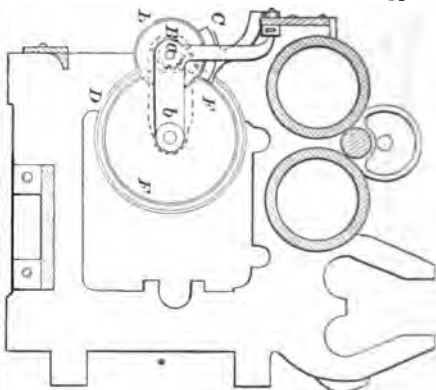
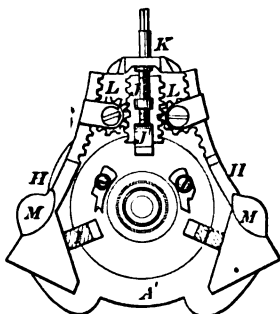
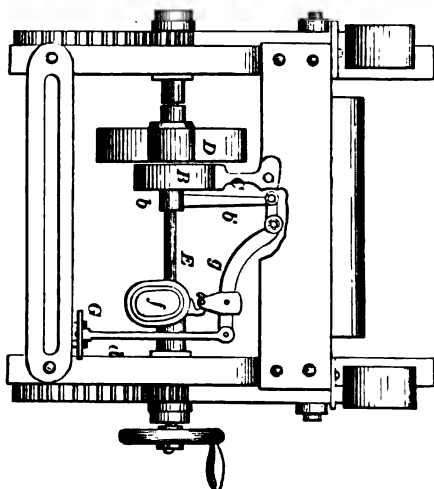
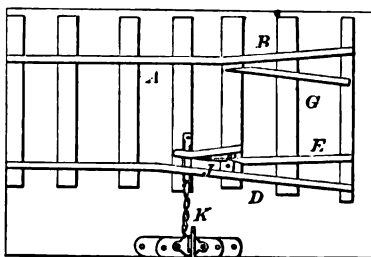
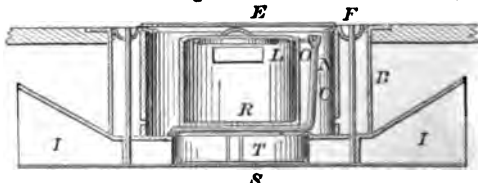
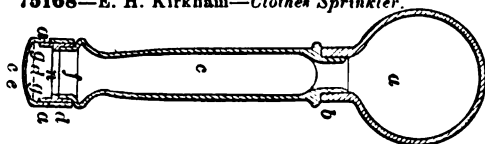
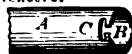


75164—R. B. Huganin—
Pen Feed.

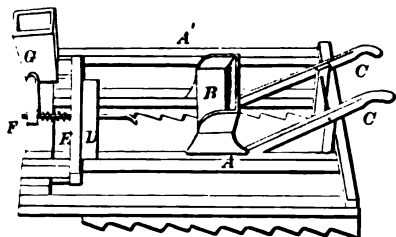


75159—J. Harvey—*Hat Hook.*

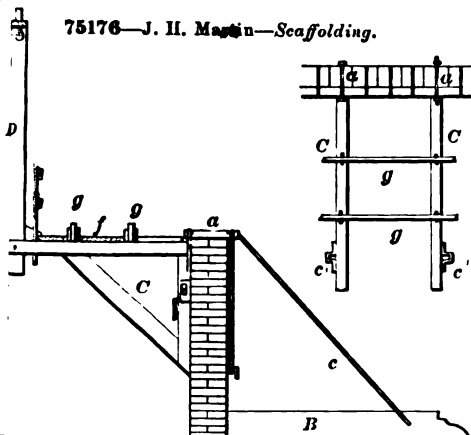


75166—J. Hutchinson—Hop Press.**75169—K. Kitson—Brake for Cotton Lappers.****75167—N. Johnson—For Boring Hubs.****75171—H. K. Leech—Railroad Switch.****75172—Lighthall & North—Car Heater.****75168—E. H. Kirkham—Clothes Sprinkler.****75173—W. A. Lighthall—For Scouring Tubes in Surface Condensers.**

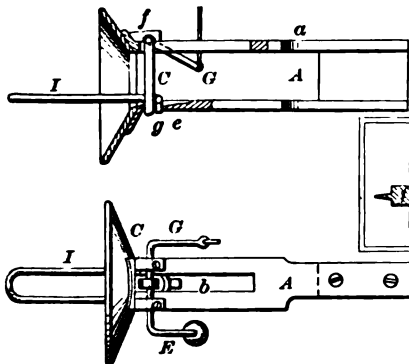
75174—Lowrey, Case & Chew—Corn Planter.



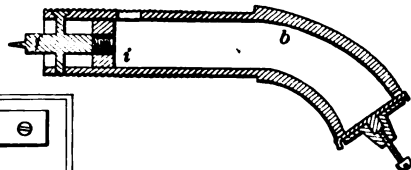
75176—J. H. Martin—Scaffolding.



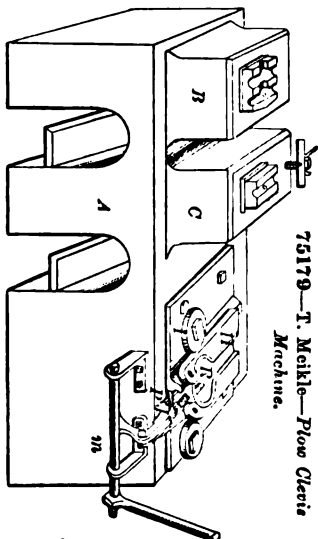
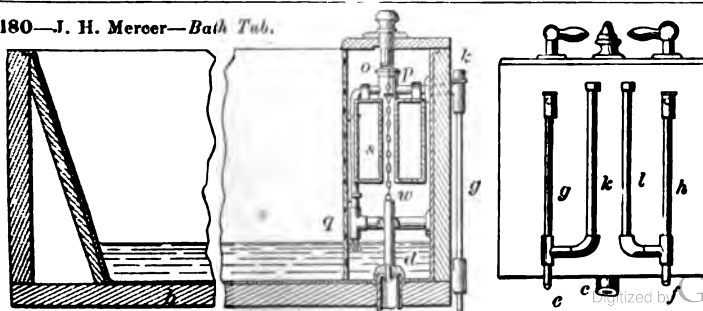
75178—J. S. McMurray—Car Coupling.



75177—S. McGee—Boring Faucet.

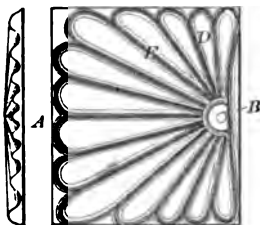


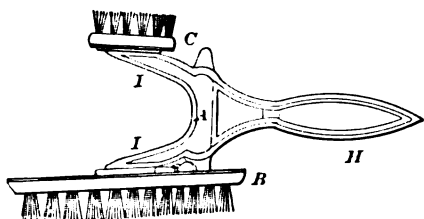
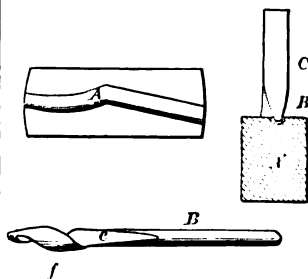
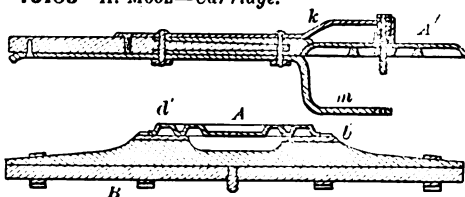
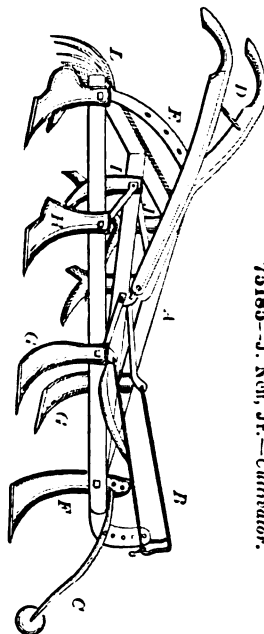
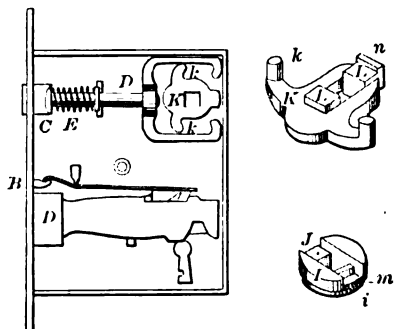
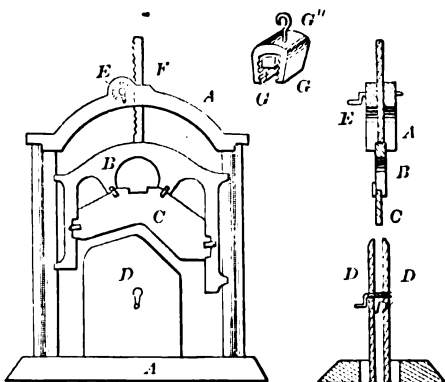
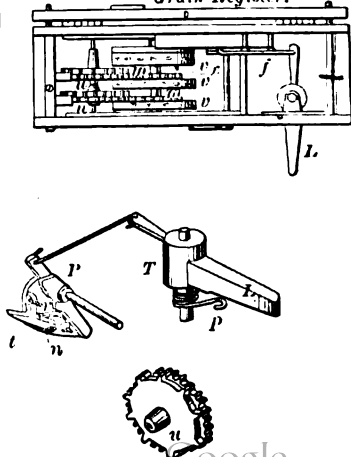
75180—J. H. Meroer—Bath Tub.



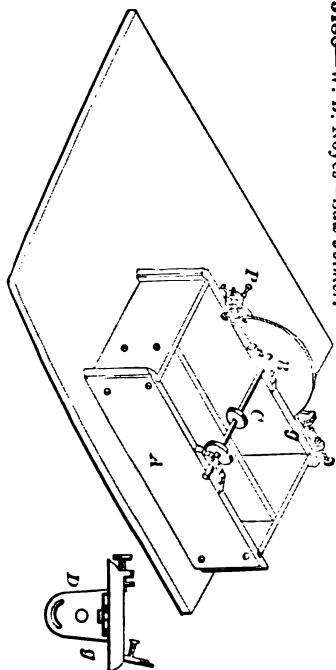
75179—T. Meikle—Flow Valve Machine.

75175—Mace & Gwyer—Ice Box Bottom.

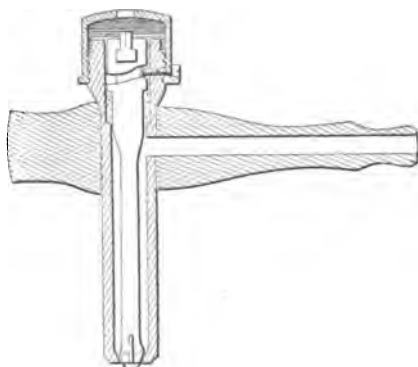


75181—H. J. Miller—*Boot Jack and Brush.*75182—J. Mix—*Gimlet.*75183—H. Moon—*Carriage.*75184—W. T. Munger—*Reversible Knob Latch.*75185—J. Nott, Jr.—*Cutthroat.*75186—J. A. Nesbit—*Boot Crimping Machine.*75187—M. W. & G. W. Nesmith—*Grain Register.*

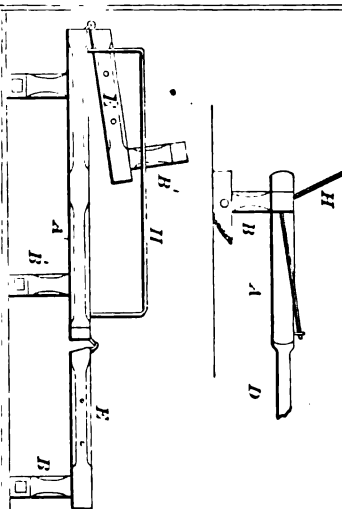
75188—W. B. Noyes—Saw Jointer.



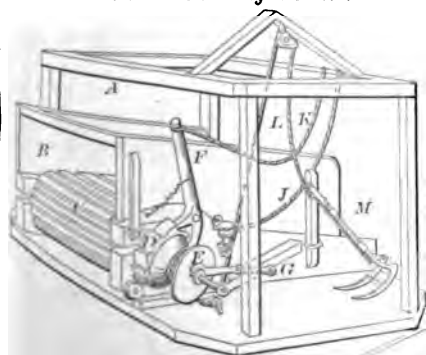
75191—T. W. Plum—Siphon Faucet.



75190—J. P. Olin—Corn Marker, &c.



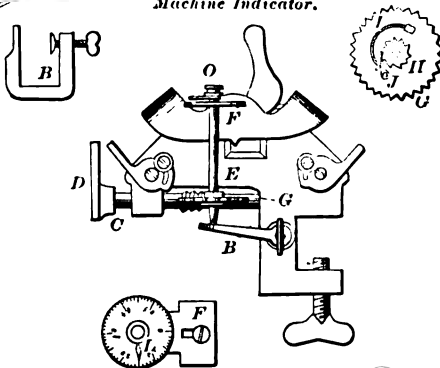
75193—H. G. Porter—Hay Elevator.



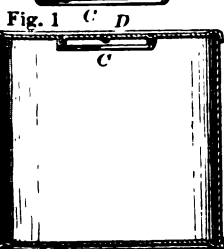
75192—D. H. Porter—Pivoting Teeth.

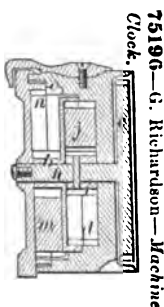
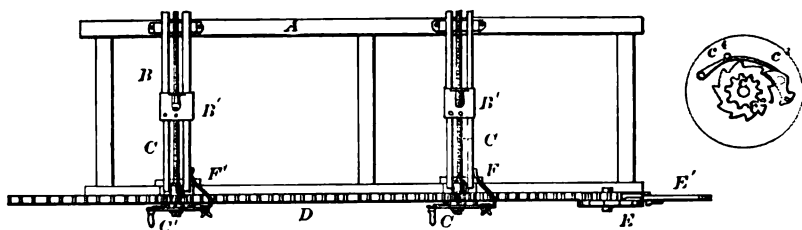
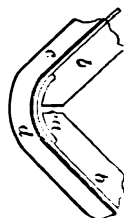
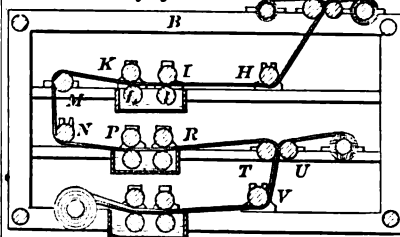
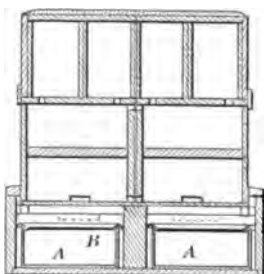
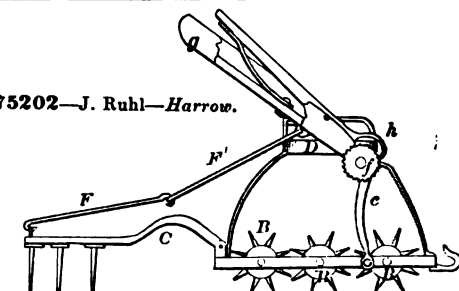
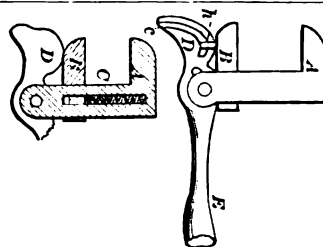
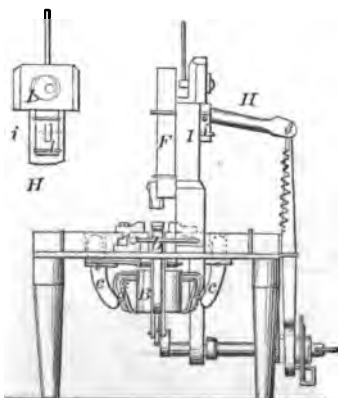
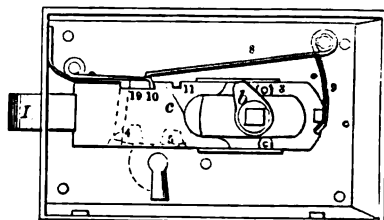


75194—J. C. Potter—Knitting Machine Indicator.

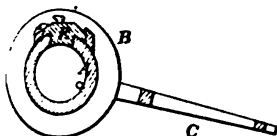


75189—P. Numsen—Fruit Can.
Fig. 4 & 5

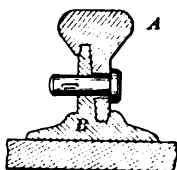


75195—W. S. Reeder—*Head Block for Saw Mills.***75196**—G. Richardson—*Machine Clock.***75197**—A. Robinson—*Manufacture of Roofing Fabrics.***75200**—E. A. G. Boulton—*Trunk Corner.***75201**—D. Rudolph—*Beehive.***75202**—J. Ruhl—*Harrow.***75198**—J. Root—*Bolt Heading Machine.***75204**—G. Schumacher—*Knob Latch and Lock.*

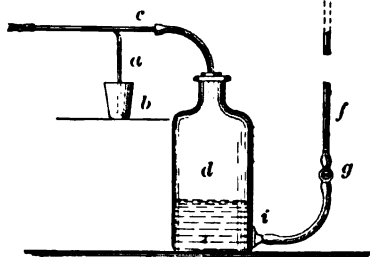
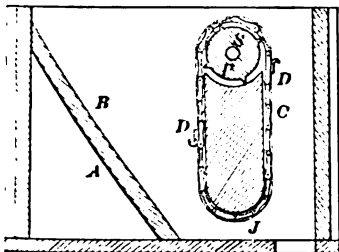
75205—Shaw & Simmons—Churn.



75206—E. R. Shepard—
Railroad Rail.

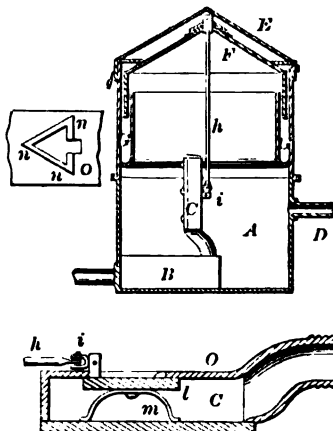
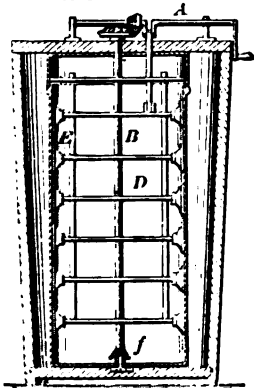


75207—N. B. Sherwood—Cotton Seed
Planter.



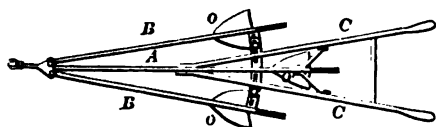
75208—A. M. Shurtleff—For Atomizing
Liquids.

75209—F. G. Siemens—Scraper for
Ice Cream Freezers.

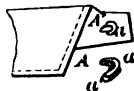


75210—W. A. Simonds—Gas Regulator.

75211—D. S. Slater—Cultivator.



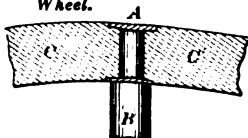
75212—B. M. Smith—Button Hole
for Paper Articles of Apparel.

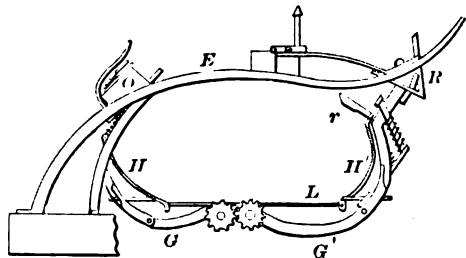
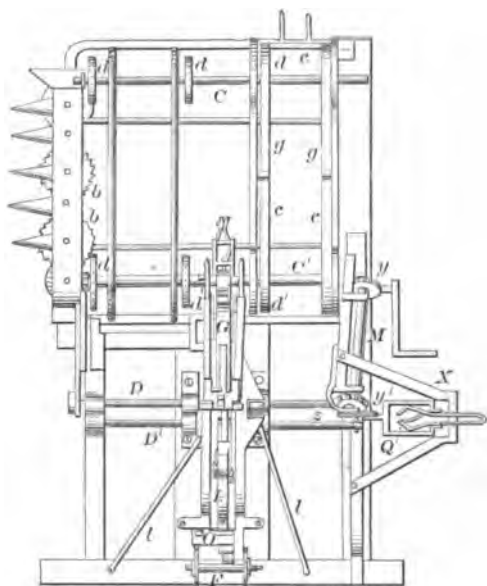
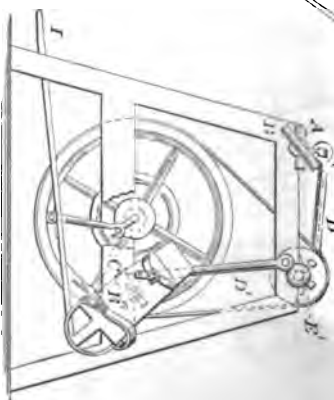
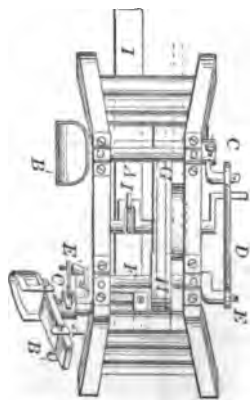
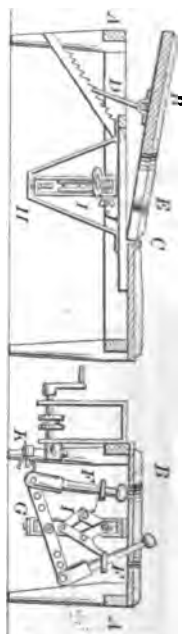
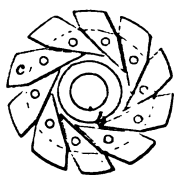


75214—G. B. St. John—Watch Key.

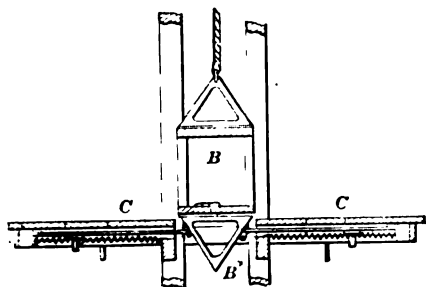


75213—J. C. Sparks—Carriage
Wheel.

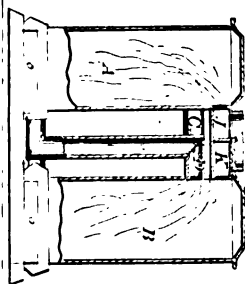


75215—A. S. Stone—*Grain Binder.*75218—G. H. Taylor—*Apparatus for Exercise.*75216—E. E. Stubbs—*Padlock.*75217—G. H. Taylor—*Apparatus for Exercise.*75219—H. R. Taylor—*Gear Cutting Tool.*

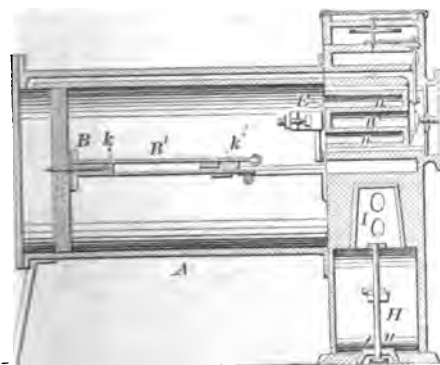
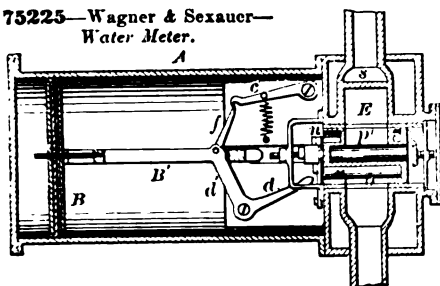
75220—D. B. Thompson—Elevator for Buildings.



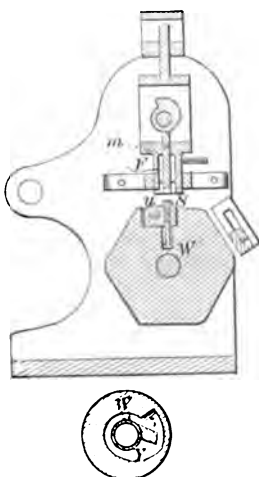
75223—H. B. Von Voorhis—
Coal Store.



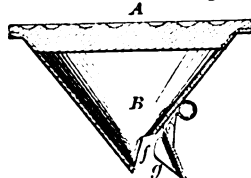
75225—Wagner & Sexauer—
Water Meter.



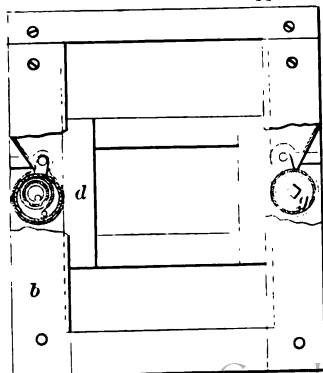
75221—H. Thompson—For Heating Boilers.



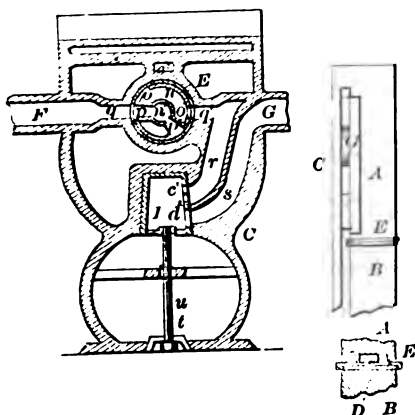
75222—J. C. Tunison—Spittoon.



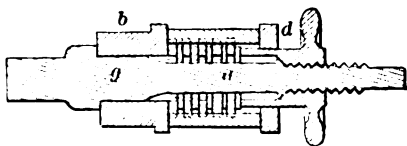
75226—P. Wenzel—Sash Supporter.



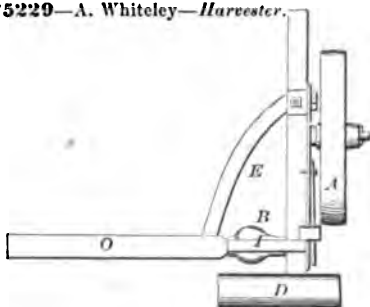
75224—W. F. Veber—Crate Press.



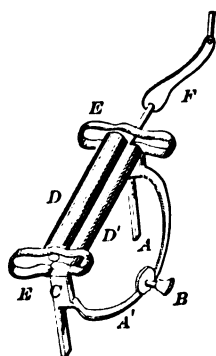
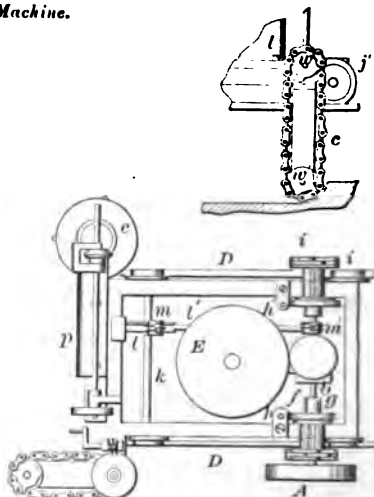
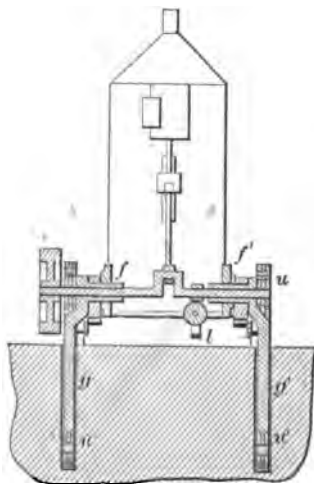
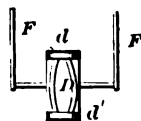
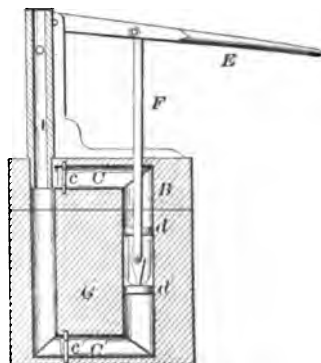
75227—T. A. Weston—Coupling and Brake.



75229—A. Whiteley—Harvester.

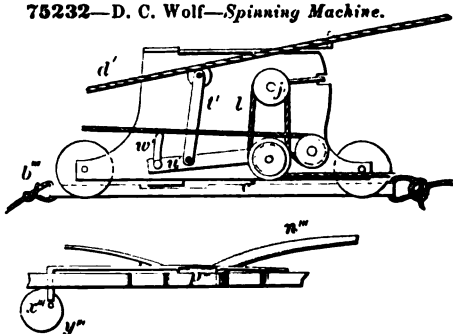


75228—P. B. & H. M. C. White—Pump.

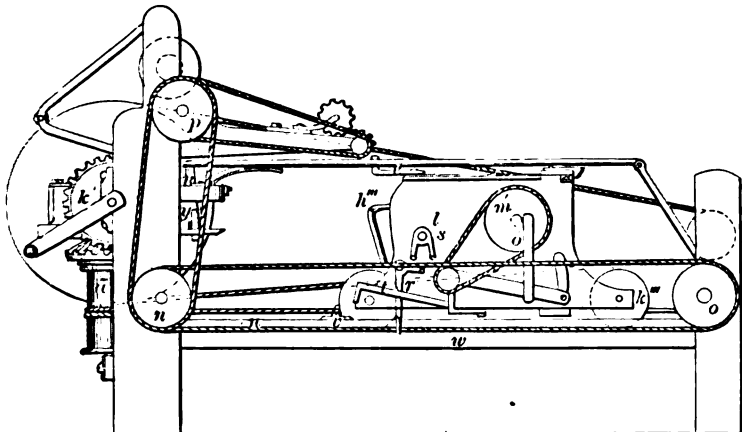


75231—G. L. Whitel—Clothes Wringer.

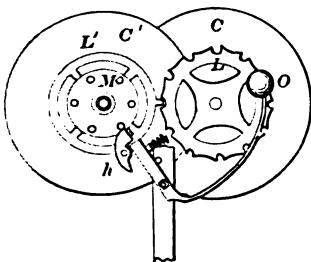
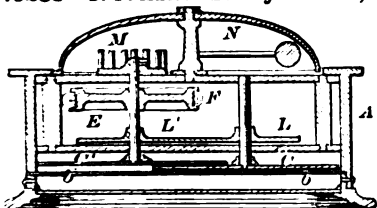
75232—D. C. Wolf—Spinning Machine.



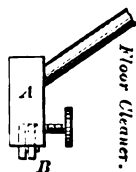
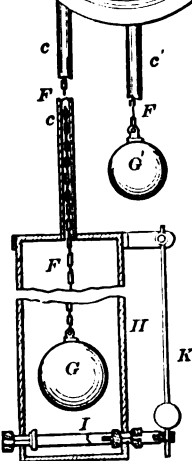
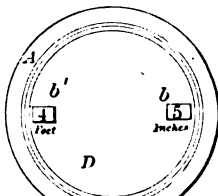
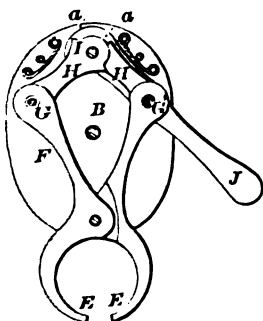
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75235—T. P. Akers—Leakage Measure,

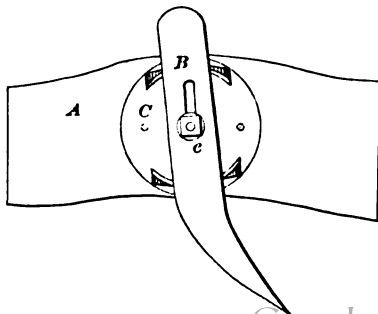
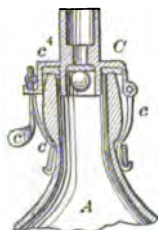


75234—N. B. Adams—Boat Detaching Block.



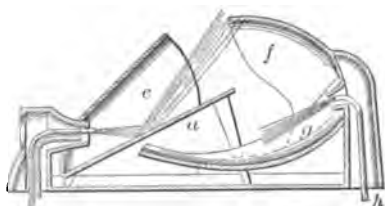
75236—A. Armstrong—Floor Cleaner.

75233—I. Zamboni—Bottle Stopper.

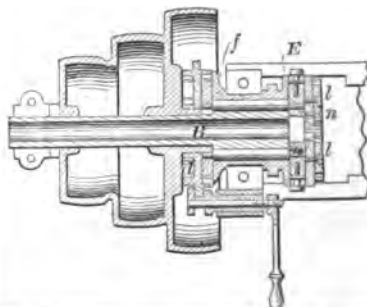
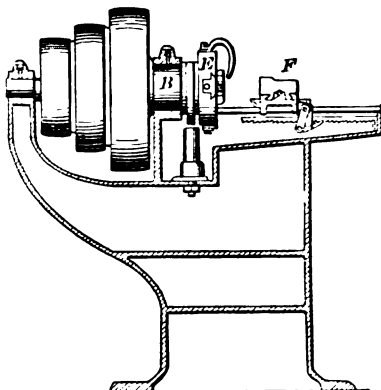


75237—J. Anghe—Counter Holder.

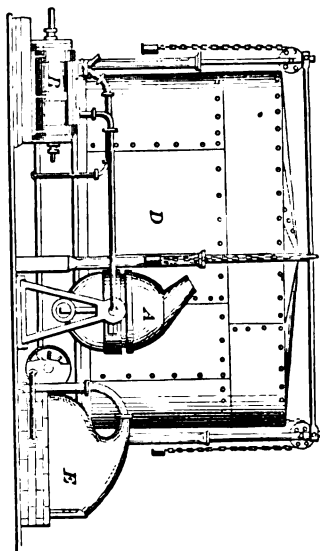
75238—H. Baldwin—For Burning Crude Petroleum.



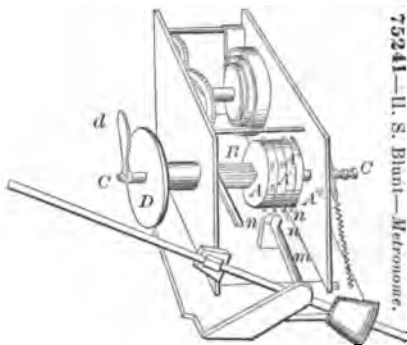
75239—W. B. Bement—Bolt Threading Machine.



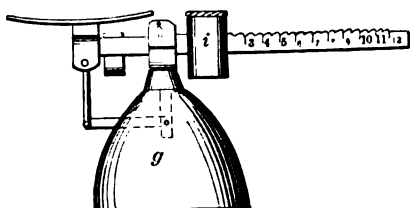
75240—J. F. Bennett—Purifying Iron and Steel.



75241—H. S. Blunt—Metronome.



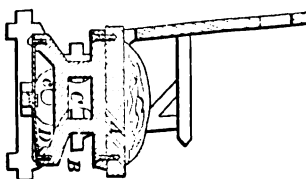
75244—B. Chambers, Jr.—Letter Balance.



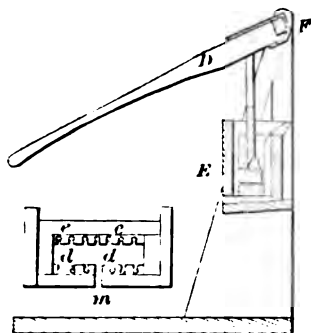
75243—J. K. Culwell—Bolt Forging Furnace.



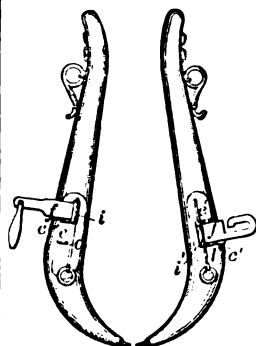
75246—C. W. Conant—Rocking Chair.



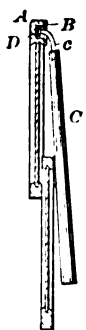
75247—Covey & Duffy—Mop Press.



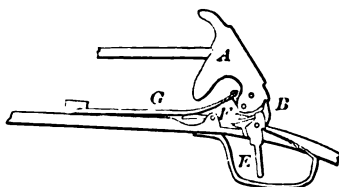
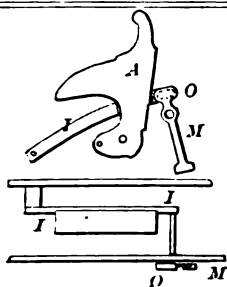
75250—B Crawford—Hames.



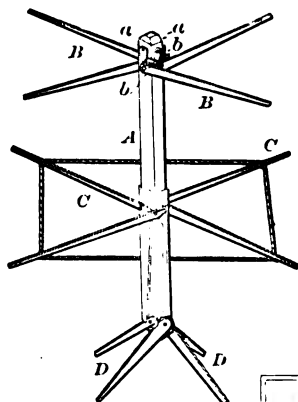
75249—J. D. Cramer—For Raising and Lowering Window Sash.



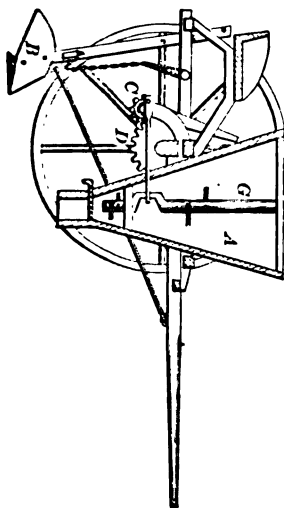
75248—J. F. & W. N. Crabtree—Gun Lock.



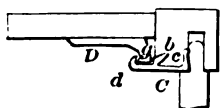
75251—H. Du Bois—Clothes Dyer.



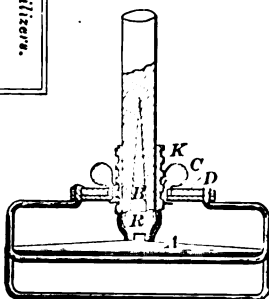
75252—J. S. Edwards—For Distributing Fertilizers.



75254—B. Essig—Bedstead Fastening.

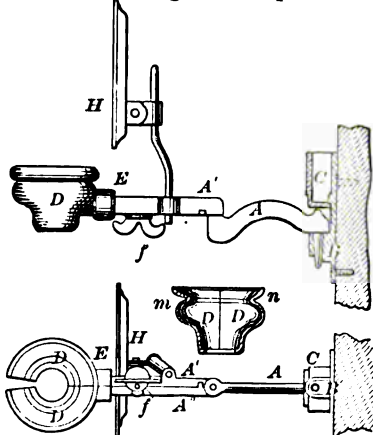
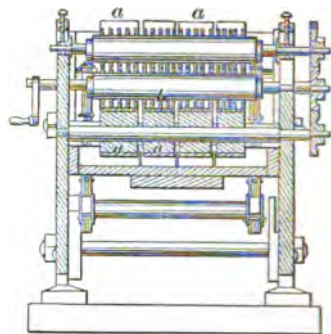
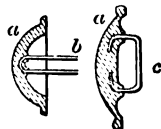
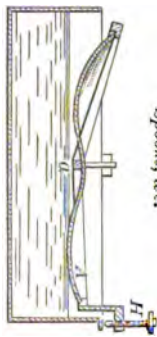
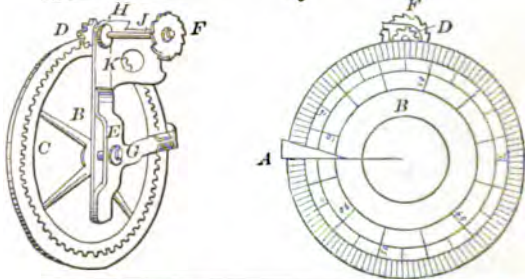
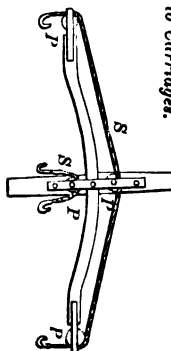
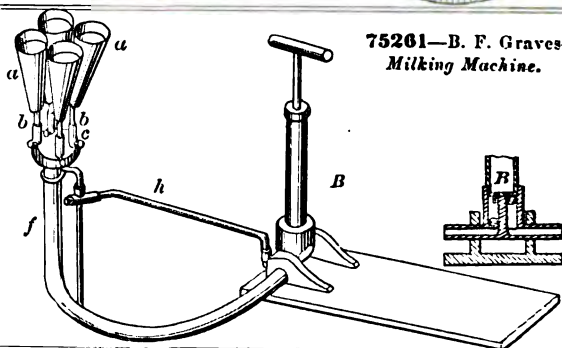
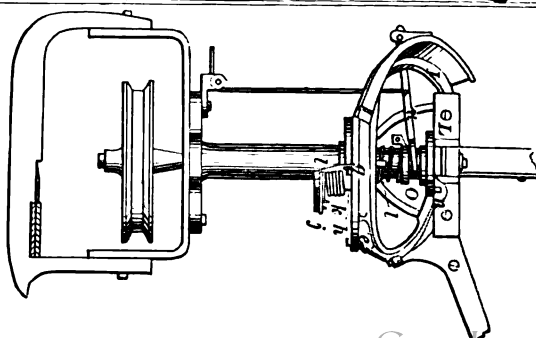


75253—R. W. English—Mop Head.

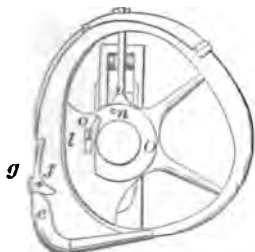


75255—G. Fenton—Hay Knife.

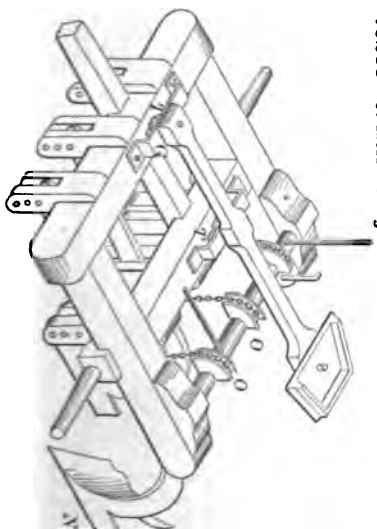
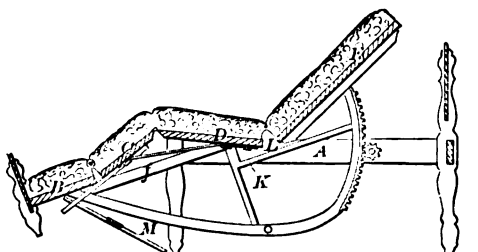


75256—E. L. Ferguson—*Lamp Bracket.*75259—J. Forrest—*For Printing Yarn.*75257—M. A. Fisk—*Harness Trimming.*75260—G. P. Fuller—*Knitting Machine.*75258—M. L. Forbes—*Putting
Spoons, etc.*75261—B. F. Graves—*Milking Machine.*75262—Hale & Fugler—*Attaching Animals
to Carriages.*75263—T. Harding—*Harvester
Rake.*

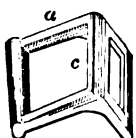
75263—Continued.



75265—W. Heath—Invalid Bedstead.



75268—C. Hess—Gang Plow.

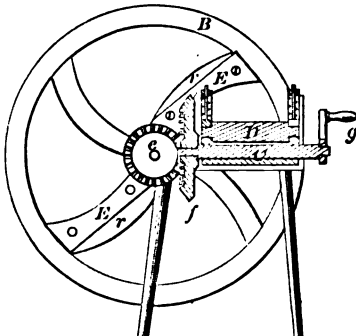


75267—J. W. Heidenburg—Cotton Dye Tie.

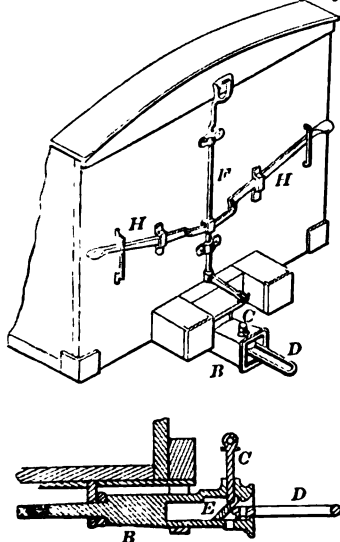


75260—E. Heaton—Shank Spring.

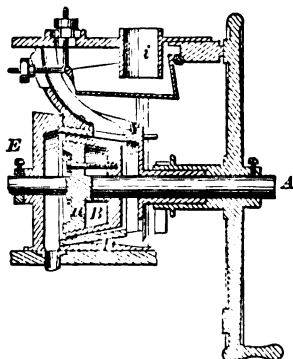
75269—L. B. Hoit—Straw Cutter.

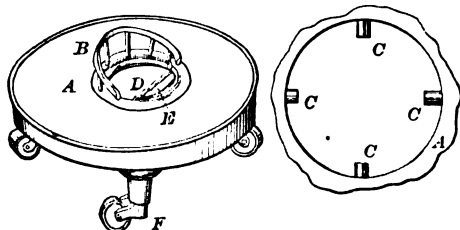
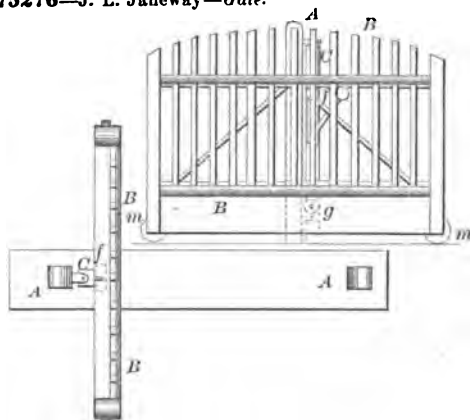
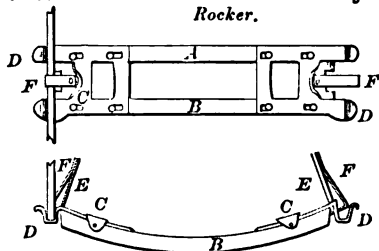
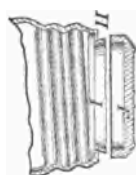
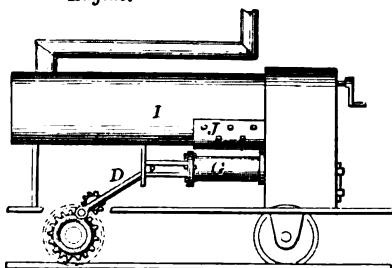
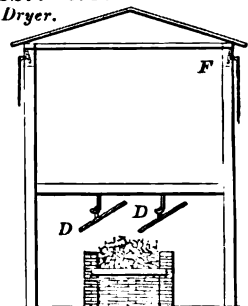
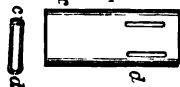
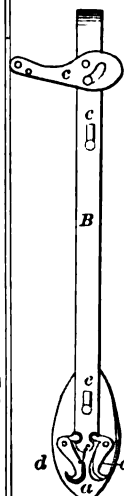
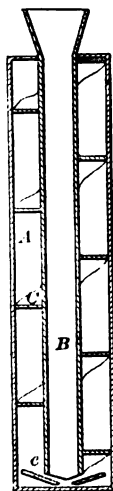


75270—W. H. Hoover—Car Coupling.

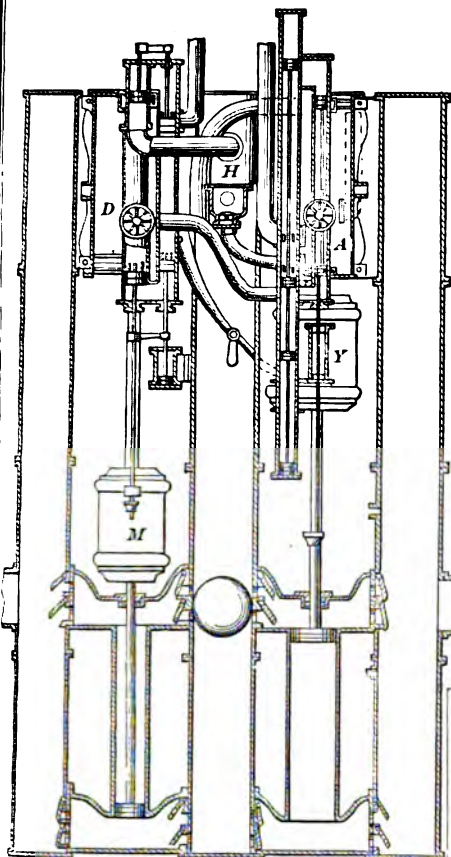


75273—Hubbard & Smith—Grinding Mill.

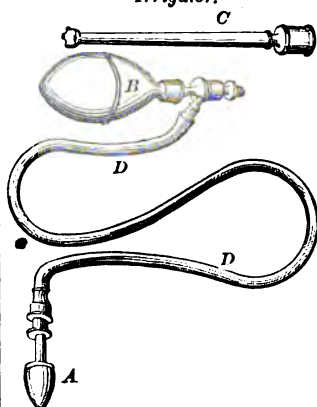


75274—P. H. Hurd—*Baby Creeper or Walker.*75276—J. L. Janeway—*Gate.*75278—A. D. Juclson—*Child's Carriage Rocker.*75280—S. L. Langdon—*Locomotive Engine.*75275—W. L. Imby—*Closing Fruit Press.*75277—J. B. Johnson—*Grain Dryer.*75281—A. D. Laws—*Lamp Wick Tube.*75279—P. M. Kaler—*Steam Generator Tube.*75282—J. E. Lobell—*Horse Hay Fork.*

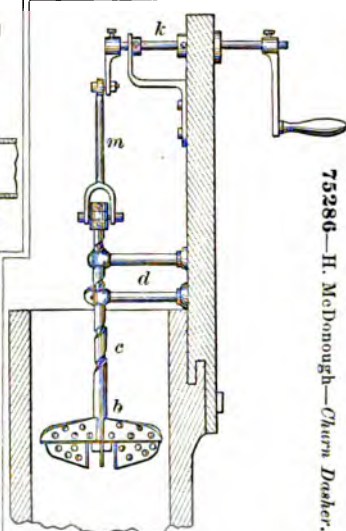
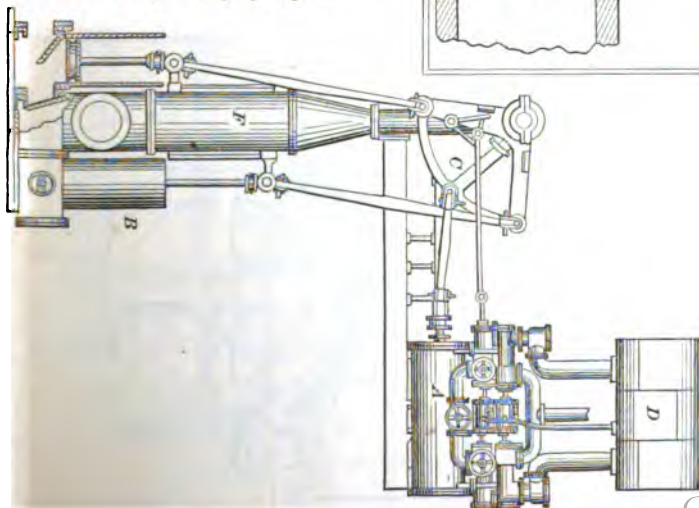
75283—J. L. Lowry—*Steam Engine.*



75285—M. Mattson—*Nasal Irrigator.*

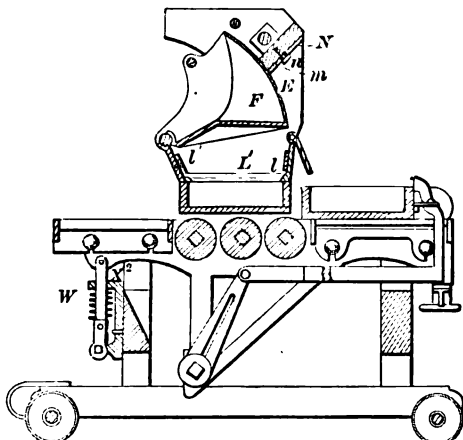
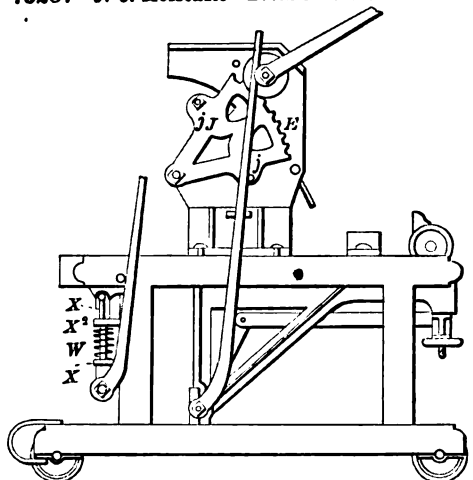
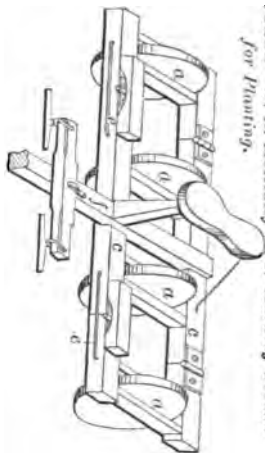
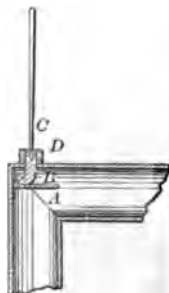
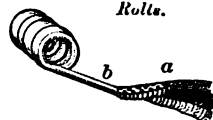


75284—J. L. Lowry—*Pumping Engine.*

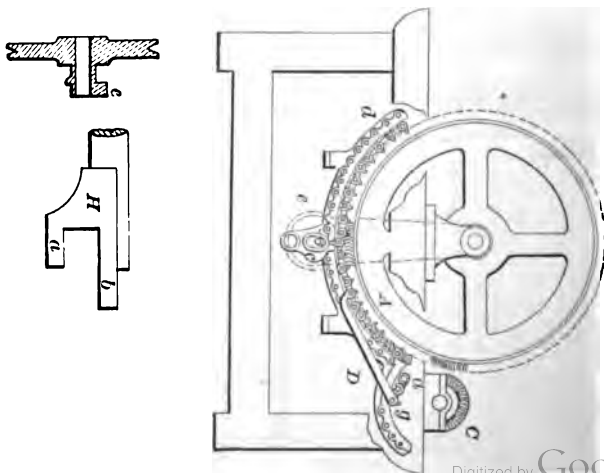


75286—H. McDonough—*Churn Dasher.*

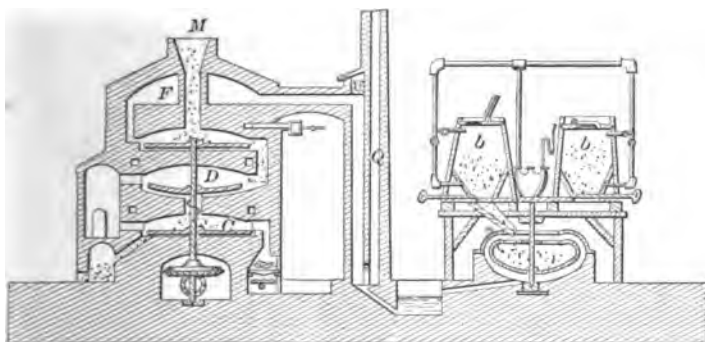
75287—J. C. McKenzie—Brick Machine.

75288—W. R. McKinley—For Marking Ground
for Planting.75291—J. W. Mortimer—Stove
Pipe Cleaner.75292—J. Moulton—Elastic
Rolls.

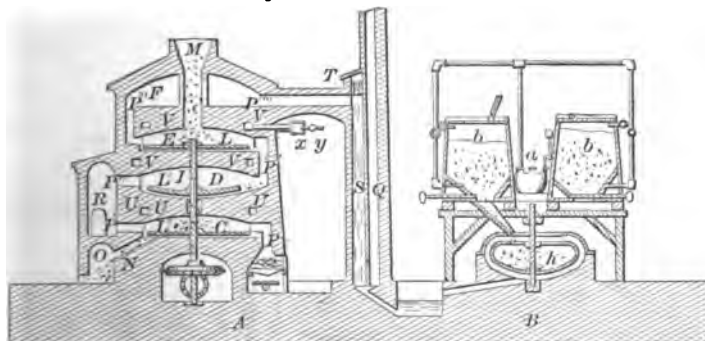
75290—L. Monroe—Rack for Carding Engines.



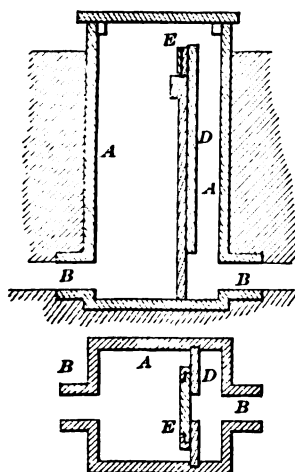
75293—A. Ott—*Extracting Precious Metals from Ores.*



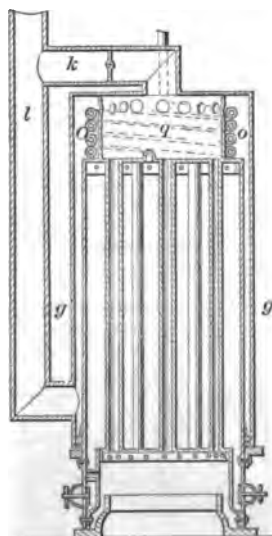
75294—A. Ott—*For Extracting Precious Metals.*



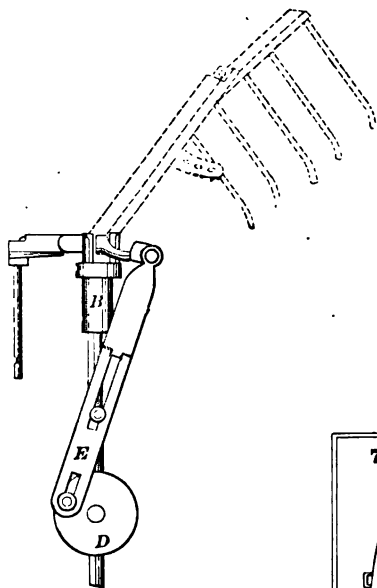
75295—D. A. Parks—*Penstock for Underground Drains.*



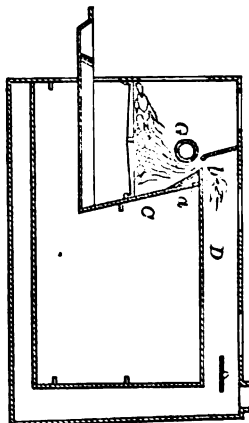
75296—P. Quinn—*Steam Generator.*



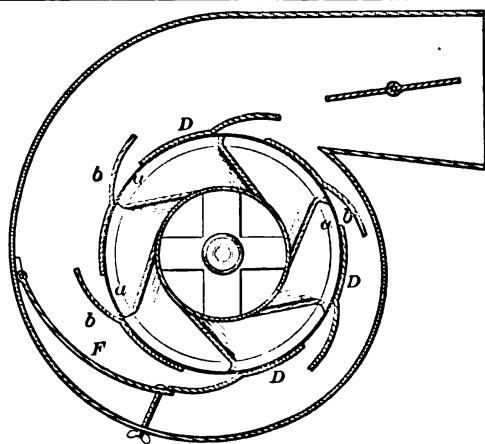
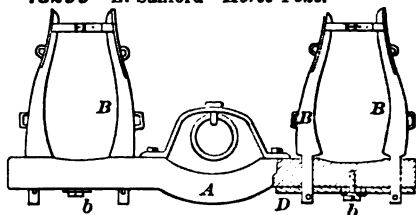
75297—O. Redmond—Harvester Rake.



75300—G. Schreyer—Furnace.

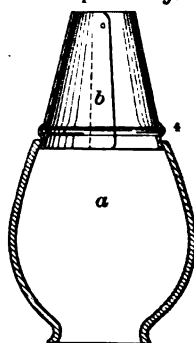


75299—E. Sanford—Horse Yoke.

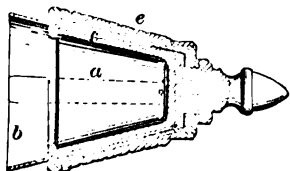


75298—T. Rose—Scroll for Water Wheels.

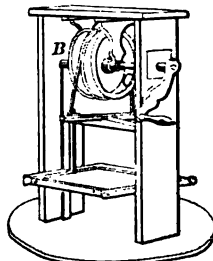
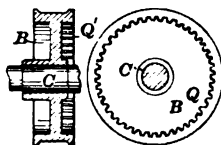
75302—F. I. Seymour—Lamp Chimney.



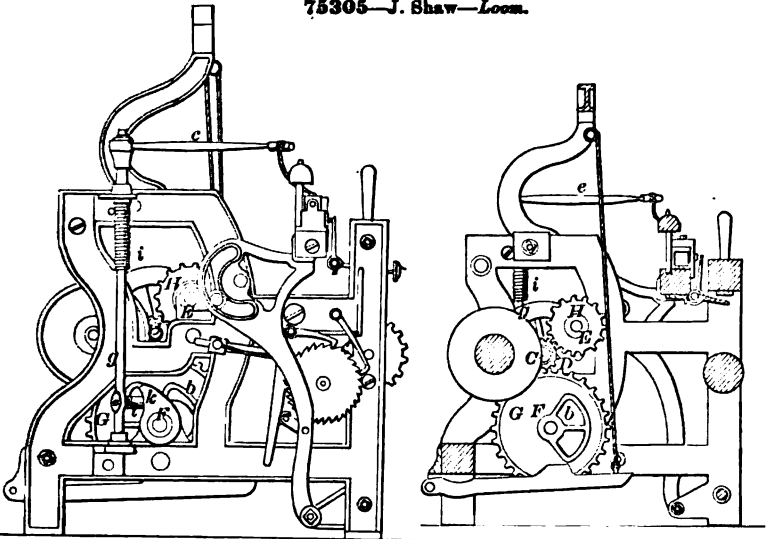
75303—F. I. Seymour—Clamp for Forming Sheet Metal Cones.



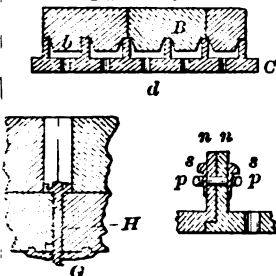
75304—H. F. Shaw—Differential Gear Power Machine.



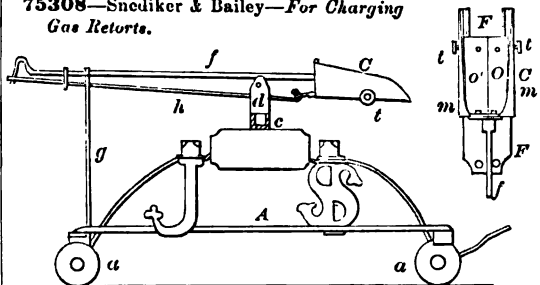
75305—J. Shaw—Loom.



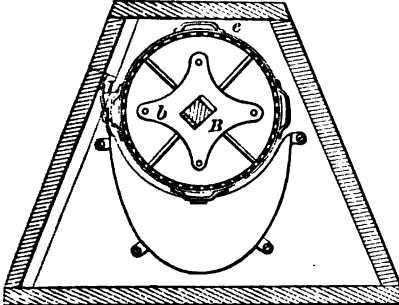
75309—C. W. Stafford—
Pavement.



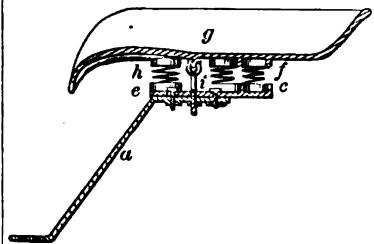
75308—Snediker & Bailey—For Charging Gas Retorts.



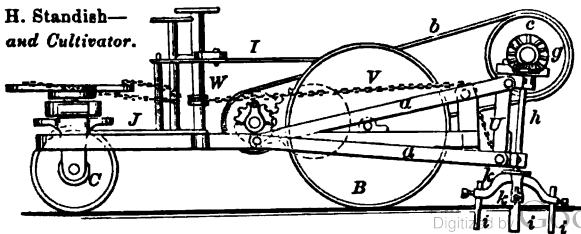
75307—S. A. Smith—Flour Bolt.

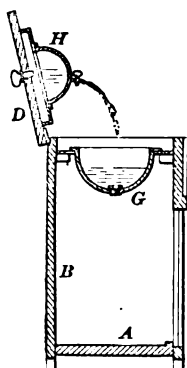


75306—E. A. Smith—Harvester Seat.



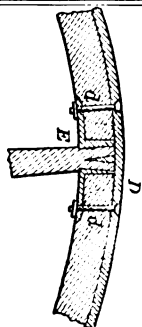
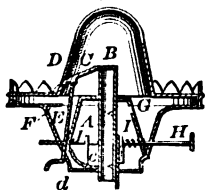
**75310—P. H. Standish—
Steam Plow and Cultivator.**



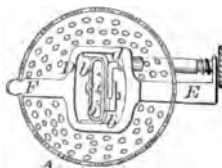


75311—A. Stankowitch—Wash Stand

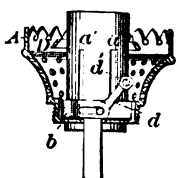
75317—E. J. Toof—Lamp Extinguisher.



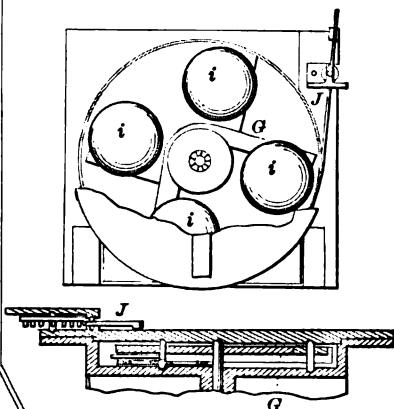
75314—J. Switzer—Carriage Wheel.



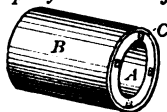
75318—E. J. Toof—Wick Regulator.



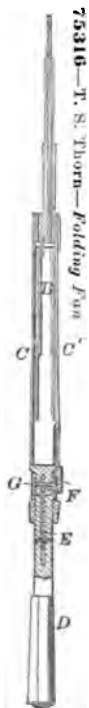
75313—C. Stein—Fluid Meter.



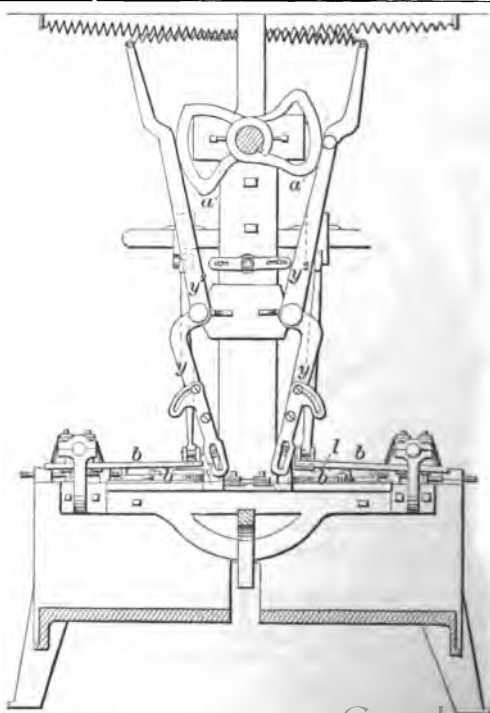
75315—R. H. Smith—For Preventing Water Pipes from Bursting.



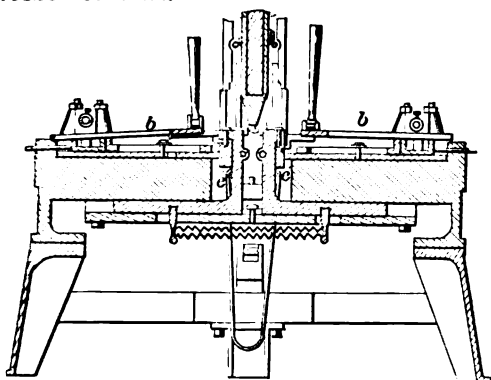
75319—W. Trowbridge—Cotton Bale Tie.



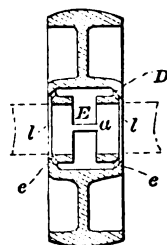
75320—Van Dusen & Crooke—For Making Butt Hinges.



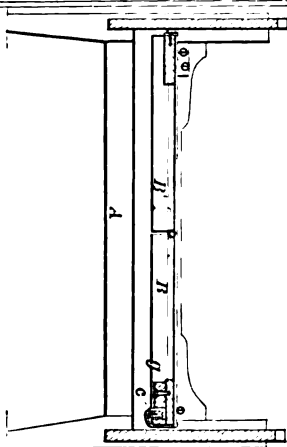
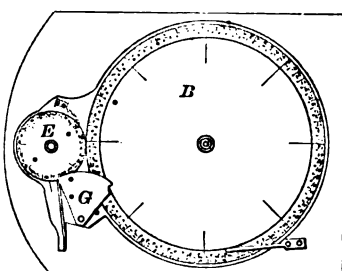
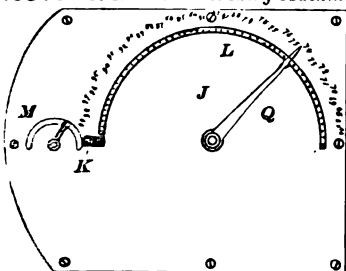
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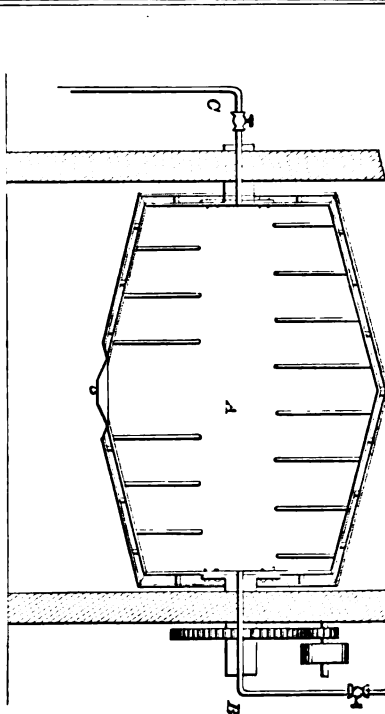
75323—D. M. Weston—Self-Oiling Hub for Pulleys, &c.



75322—C. H. Webb—Adding Machine

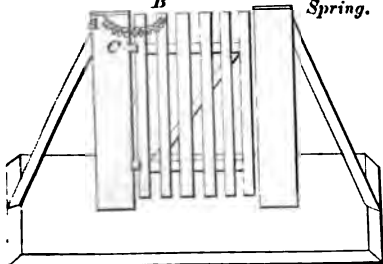


75321—H. B. Walbridge—Dred Bottom.

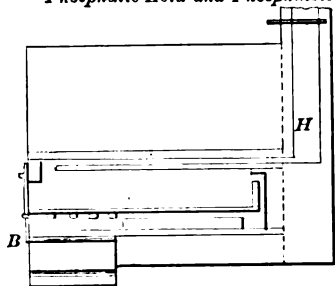


75325—G. F. Wilson—Manufacture of Phosphatic Fertilizers.

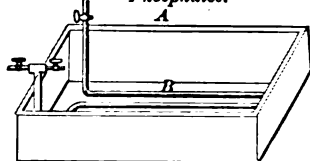
75324—B. F. Whitaker—Gate and Door Spring.



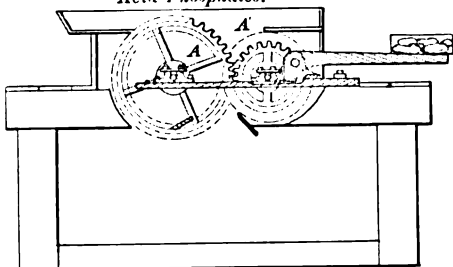
75326—G. F. Wilson—*Manufacture of Phosphatic Acid and Phosphates.*



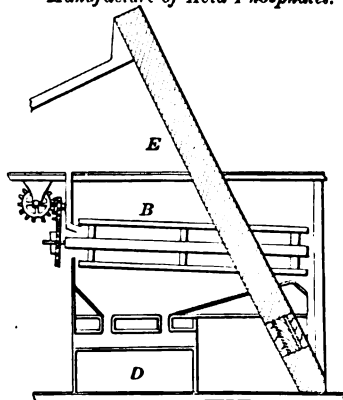
75327—G. F. Wilson—*Manufacture of Acid Phosphates.*



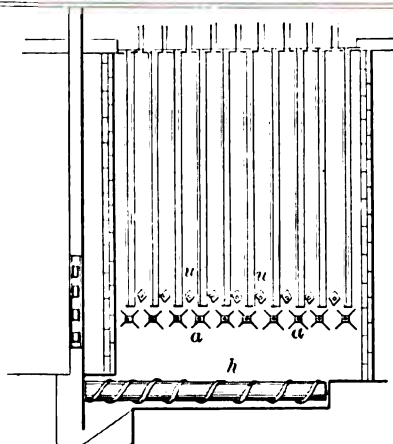
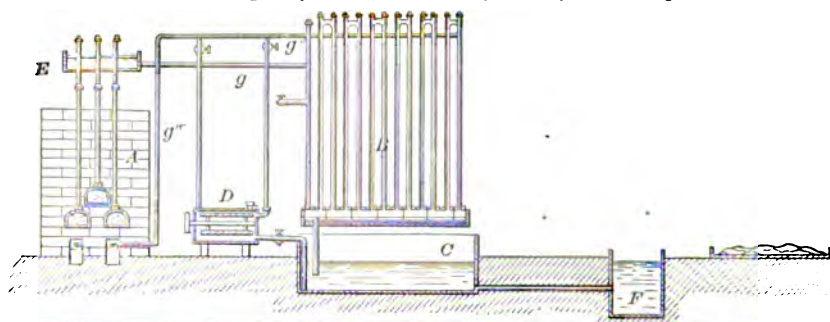
75328—G. F. Wilson—*Manufacture of Acid Phosphates.*



75331—G. F. Wilson—*For the Manufacture of Acid Phosphates.*

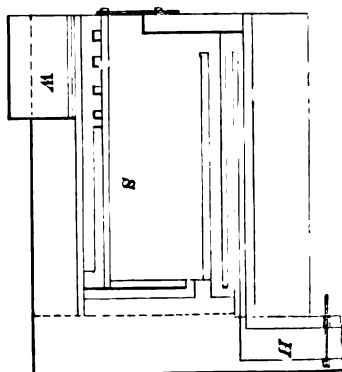


75329—G. F. Wilson—*Preparing Bones for the Manufacture of Acid Phosphates.*

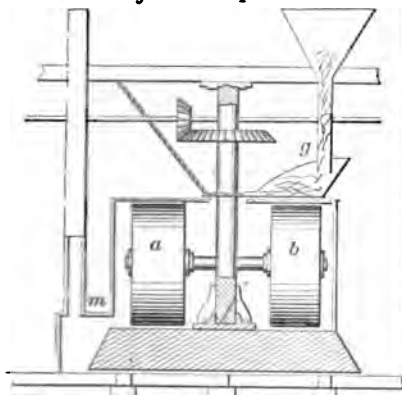


75330—G. F. Wilson—*Drying Acid Phosphates.*

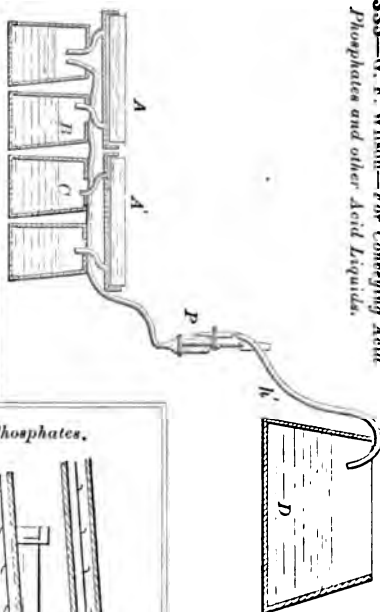
75332—G. F. Wilson—*For the Manufacture of Acid Phosphates.*



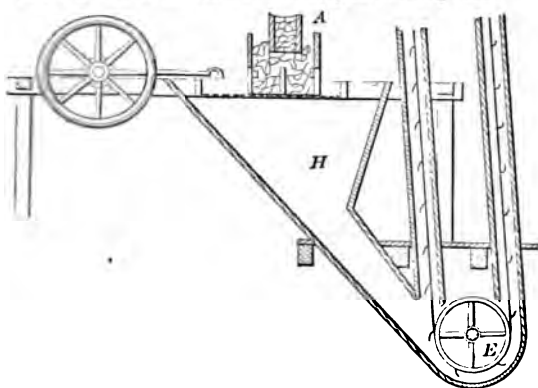
75333—G. F. Wilson—*Grinding and Pulverizing Acid Phosphates.*



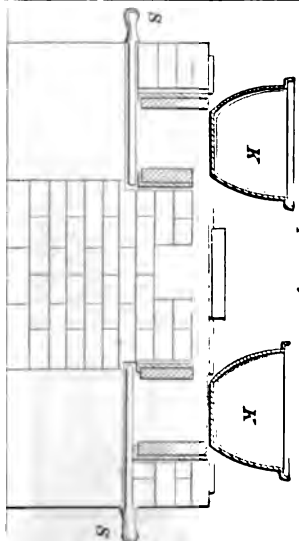
75335—G. F. Wilson—*For Conveying Acid Phosphates and other Acid Liquids.*



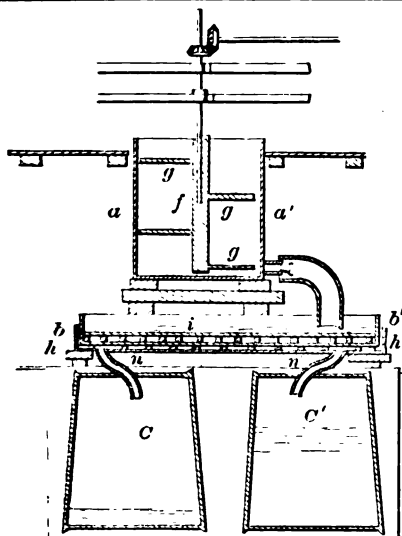
75334—G. F. Wilson—*Granulating Acid Phosphates.*

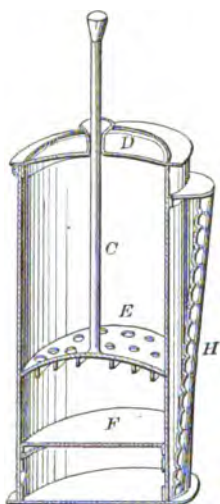


75330—Wilson & Horsford—*For Concentrating Acid Phosphate of Lime.*

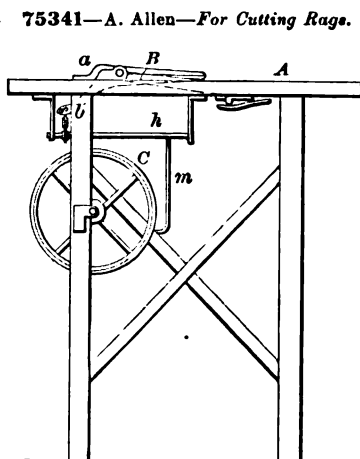


75330—Wilson & Horsford—*Manufacture of Phosphates and Extracting Phosphoric Acid from Bones*



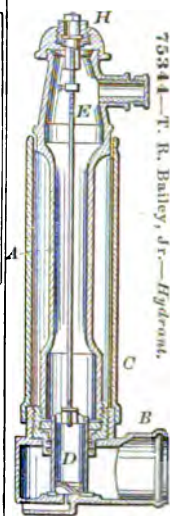
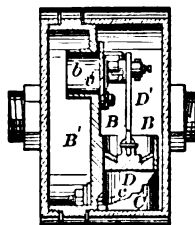
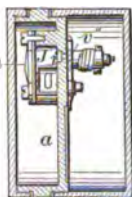
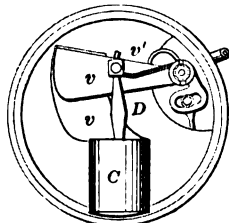


75340—S. C. Wilson—Egg Beater.

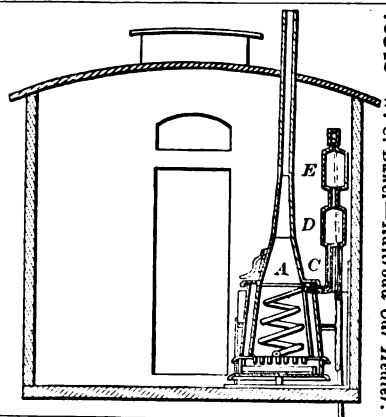


75341—A. Allen—For Cutting Rags.

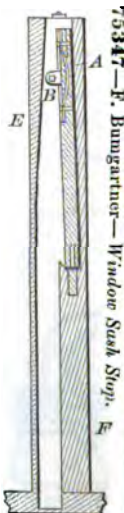
75342—L. Allen—Fluid Meter.



75344—T. R. Bailey, Jr.—Hydrant.

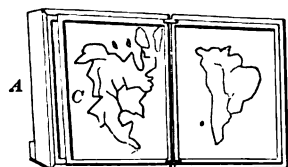
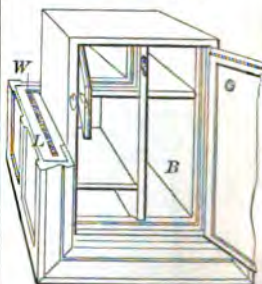


75345—W. C. Baker—Railroad Car Heater.



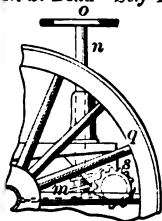
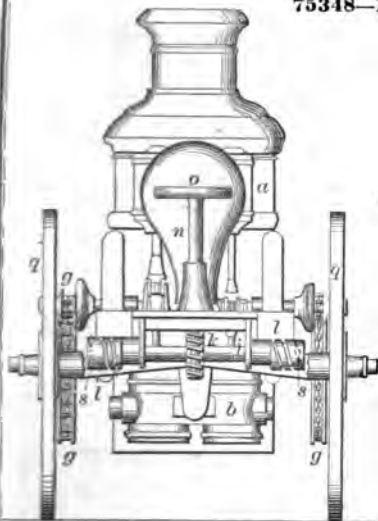
75347—F. Bungartner—Window Sash Stop.

75346—R. A. Ballou—Fireproof Safe.

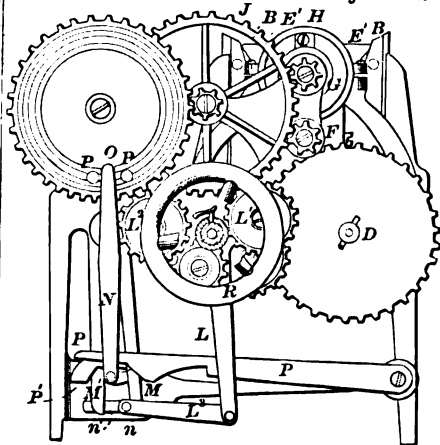


75343—E. A. & A. C. Appar—Map and Chart Holder.

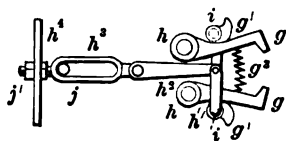
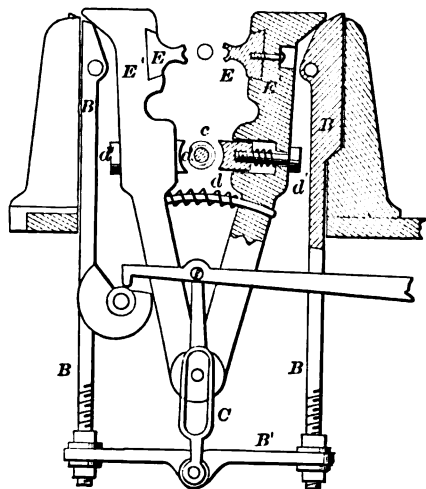
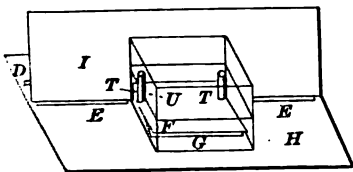
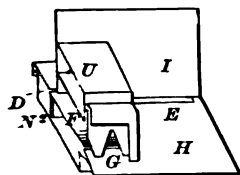
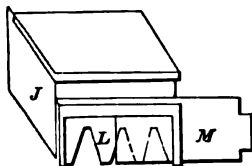
75348—N. S. Beann—Self-Propelling Engine.



75350—J. A. Bidwell—For Threading Screws.



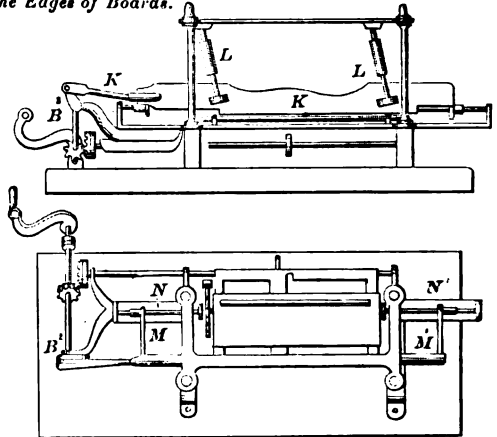
75349—E. Beard—Beehive Portal.



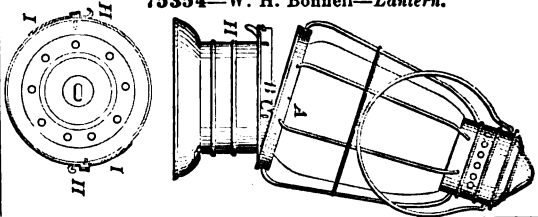
75351—J. S. Black—*Lamp Chimney Cleaner.*



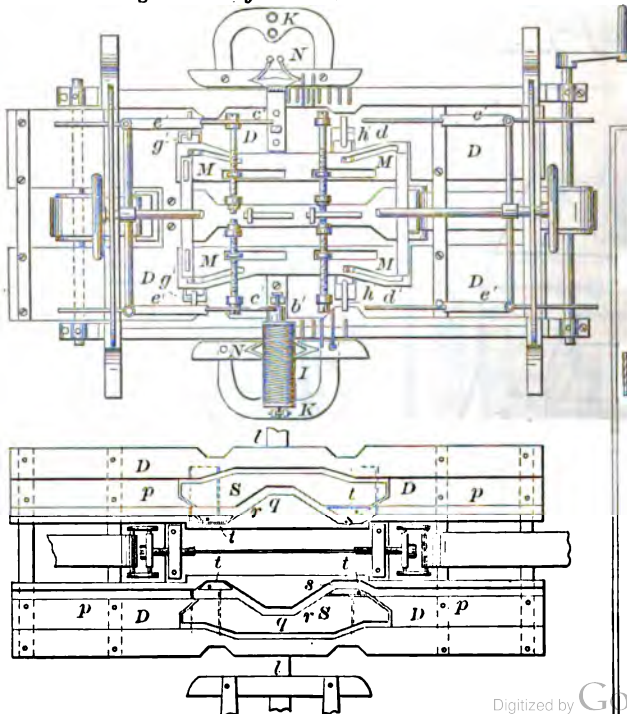
75352—Blinn, Alvord & Brewer—*For Cutting Hoops from the Edges of Boards.*



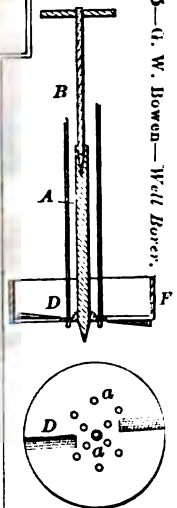
75354—W. H. Bonnell—*Lantern.*



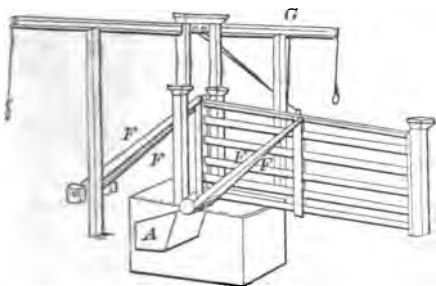
75353—H. Bogel—*Knitting Machine.*



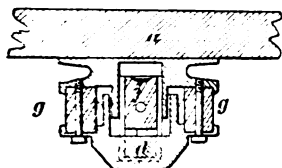
75355—G. W. Bowen—*Well Borer.*



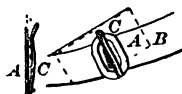
75356—J. Bowers—Gate.



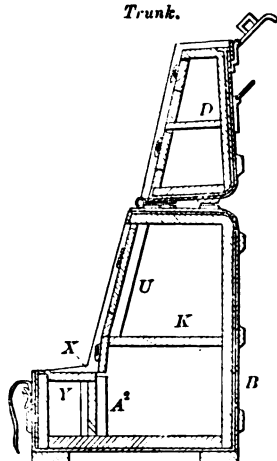
75357—A. Bridges—Car Truck.



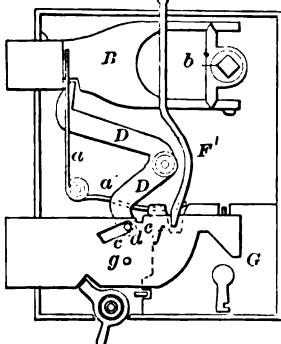
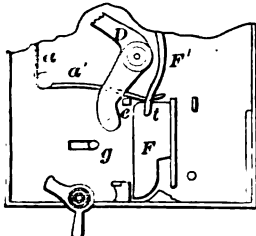
75359—J. N. Burton—Flat Buckle.



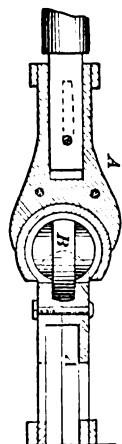
75358—J. H. Burnett, Jr.—Trunk.



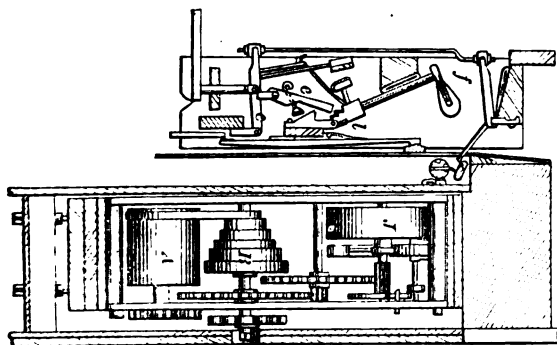
75360—H. W. Busse—Knob Latch and Door Lock.



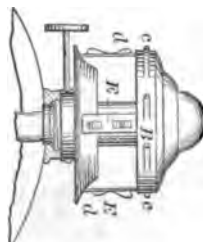
75361—Butts & Stone—Universal Joint.



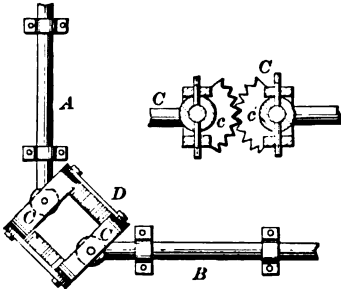
75362—Caldera & Montu—Piano Forte.



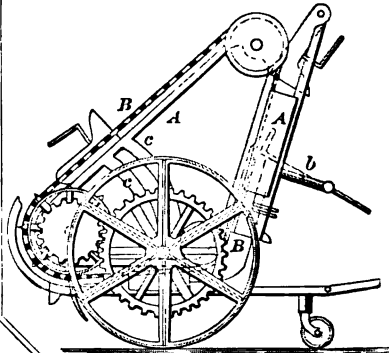
75363—G. J. Capewell—Lamp Burner.



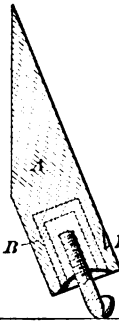
75364—J. M. Case—Angular Shaft Coupling.



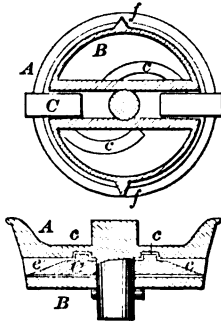
75366—S. B. Castle—*Elevator.*



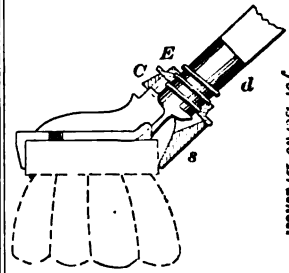
75365—A. A. Castle—*Insulator.*




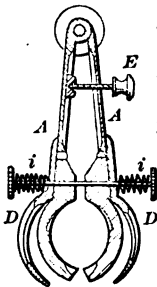
75367—Chappell & Pettit—
Bung.



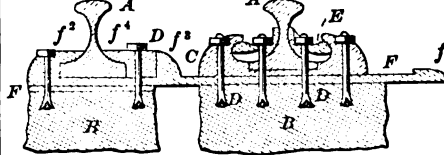
75360—C. B. Clark—Clamp
for Scrub Brushes.



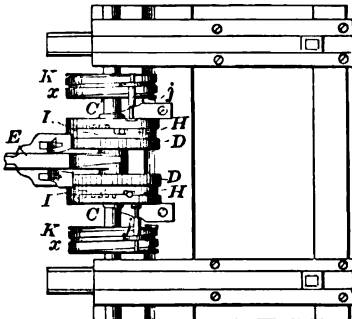
**75368—C. Christian—Hand
Corn Sheller.** 



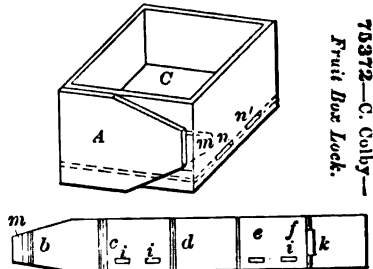
75370—D. N. Clark—*Railway Chair and Fastening.*



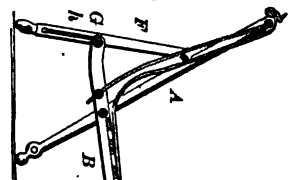
75371—T. L. Clark—Head Block.



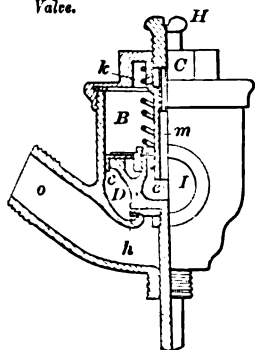
**75372—C. Colby—
Fruit Box Lock.**



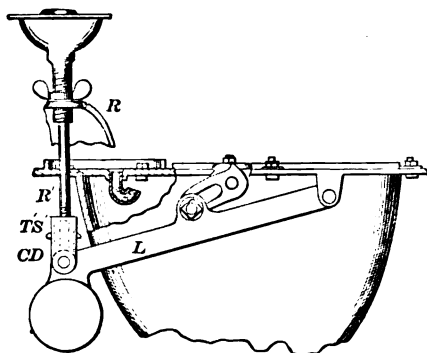
75373—C. O. Collignon—*Cottage Chair.*



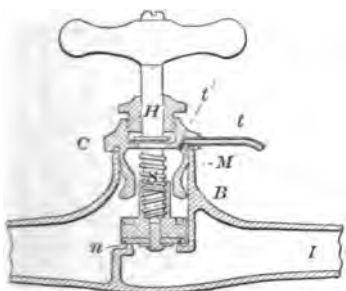
75374—W. S. Cooper—Water Closet Valve.



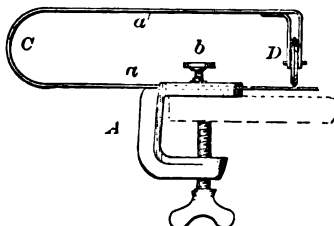
75375—W. S. Cooper—Water Closet.



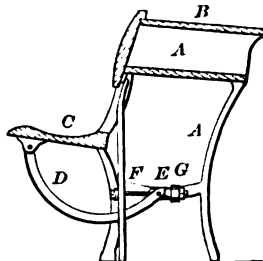
75376—W. S. Cooper—Valve Cock.



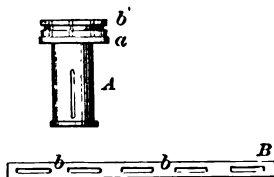
75378—W. J. Crane—Cloth Creuser.



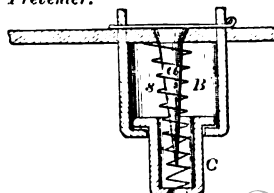
75379—R. Cruikshank—Desk and Seat.



75381—A. G. Davis—Umbrella Runner.



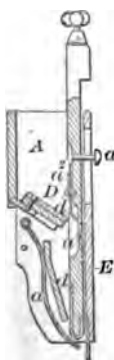
75382—Davis & Cramer—Cribbing Preventer.



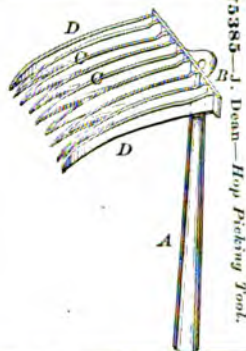
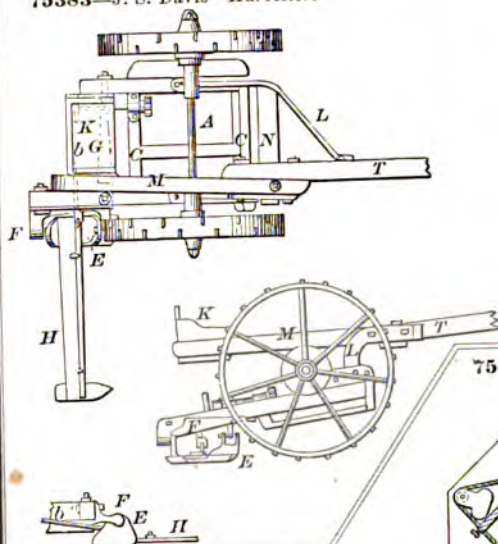
75377—J. S. Cox—Refrigerator Coffin.



75380—W. Daggett—Corn Planter.

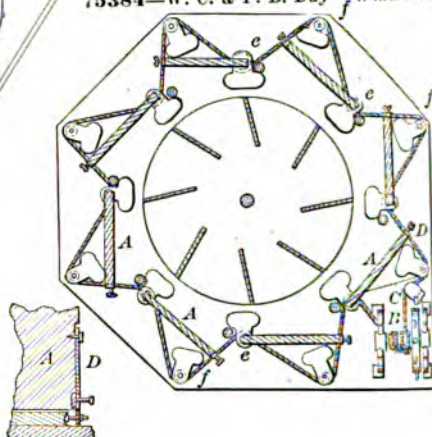


75383—J. S. Davis—Harvester.

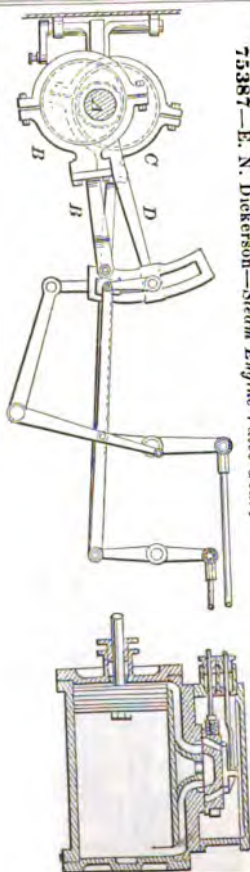


75385—Dean—Hop Picking Tool.

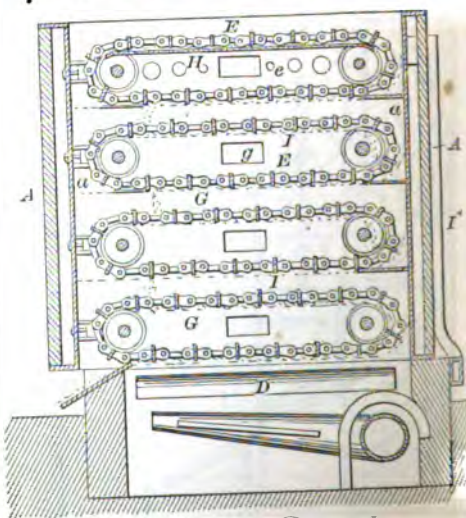
75384—W. C. & P. B. Day—Wind Mill.



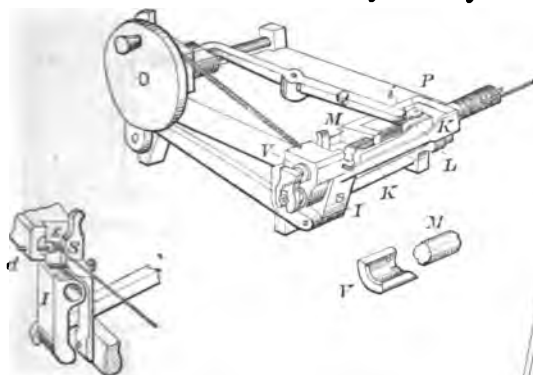
75387—E. N. Dickerson—Steam Engine Valve Gear.



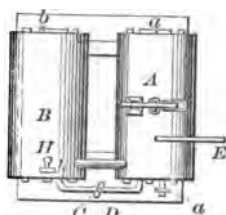
75386—J. D. Bary—Grain Dryer.



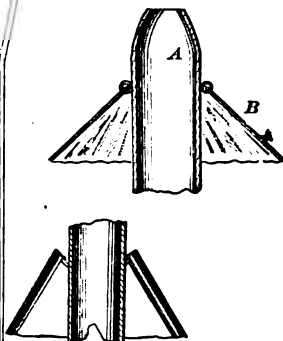
75388—T. A. Dickinson—*Card Setting Machinery.*



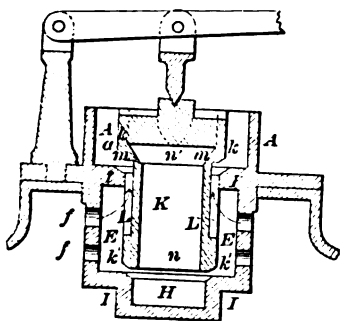
75391—C. Doty—*For Tanning in Vacuo.*



75390—T. B. Doolittle—*Lamp Shade.*



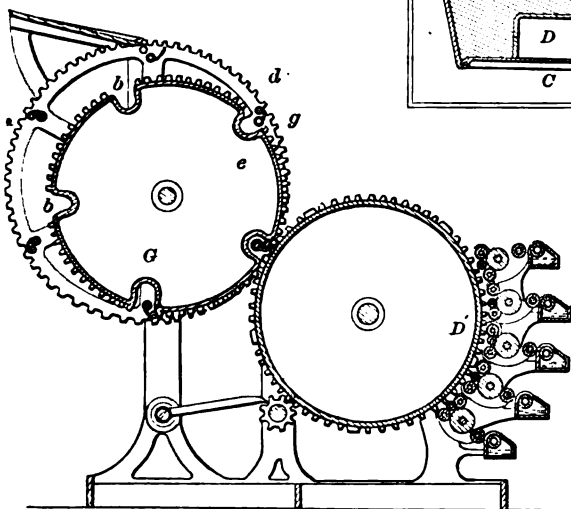
75392—S. B. Dougherty—*Safety Valve.*



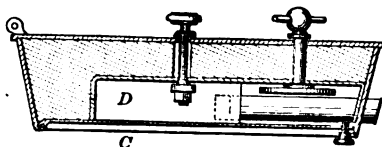
75393—Draper, Sweetland & Draper—*Imitating Cluster Jewelry.*



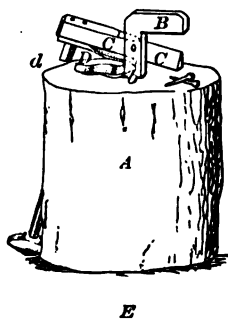
75394—A. A. Dunk—*Printing Press.*



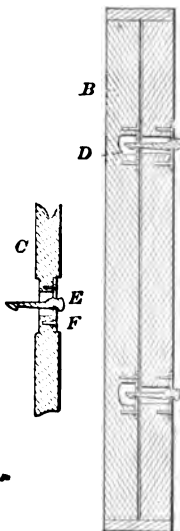
75389—W. B. Dodds—*Fireproof Safe Door.*



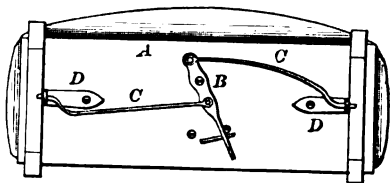
75395—V. A. Dunn—*Anvil Cutter.*



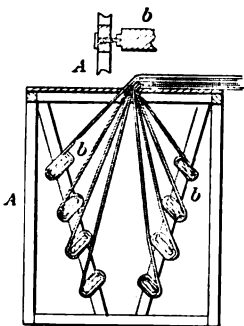
75396—Dyer & McVaugh—Sash Head Fastener.



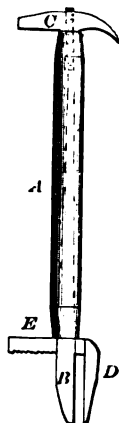
75397—W. A. Eddy—Vehicle Seat.



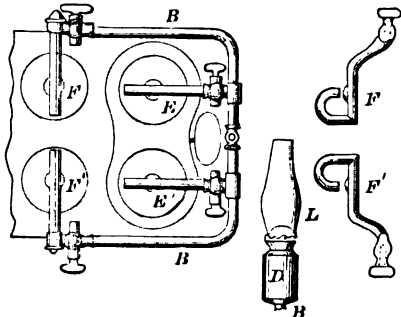
75398—H. Eldridge—Boots and Shoes.



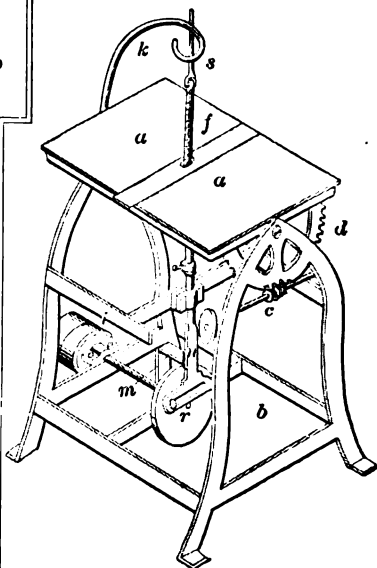
75399—J. J. Ellis—Wrench.



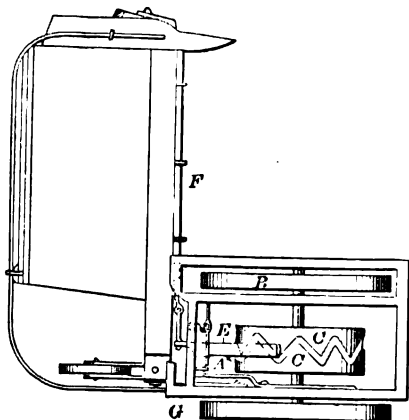
75400—D. L. Emerson—Petroleum or Gas Stove.



75402—M. Fiedler—Filing Machine.



75401—E. W. Fairman—Harvester.



75403—C. Ford—Corn Husker.

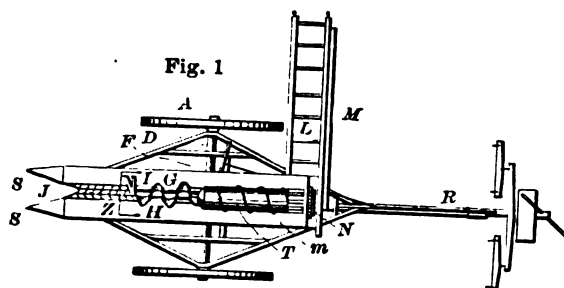


Fig. 2

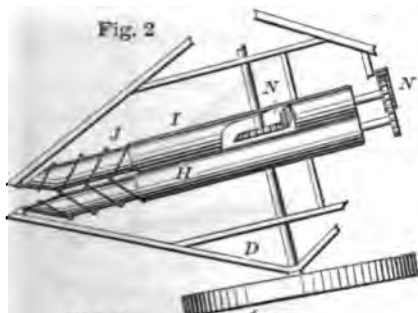
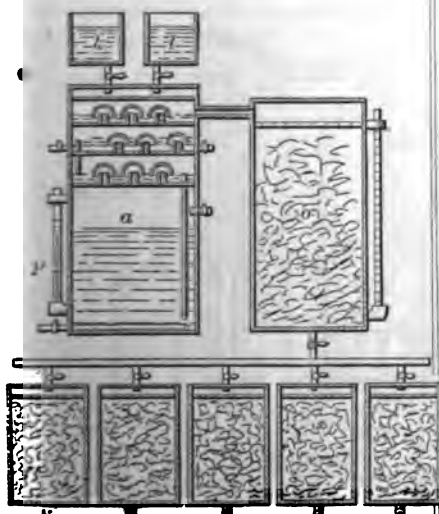


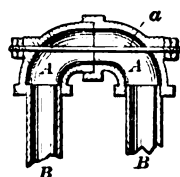
Fig. 3



75404—A. Foubert—Manufacture of Vinegar.



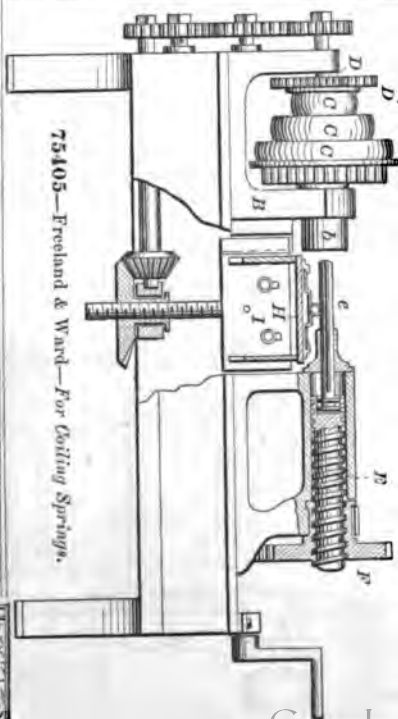
75407—Garvin & Pettibone—Pipe Joint.



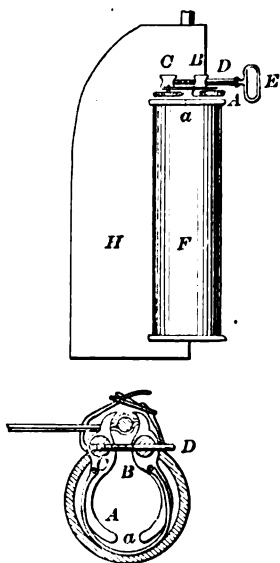
75408—G. & W. Gibbs—Singleshoe.



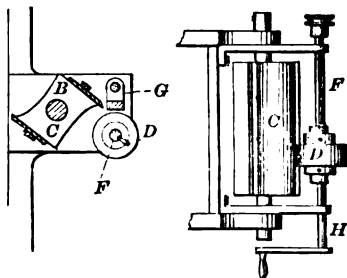
75405—Freeland & Ward—For Coiling Springs.



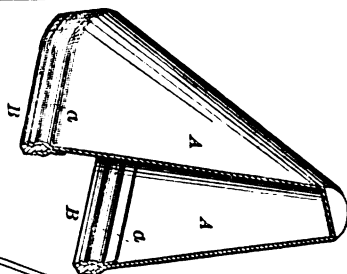
75409—F. M. Gifford—Whip Lock.



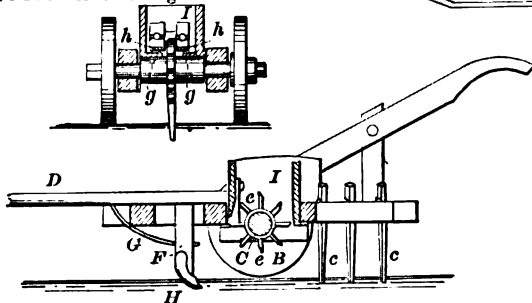
75411—J. Grant—Grinder for Knives for Planters.



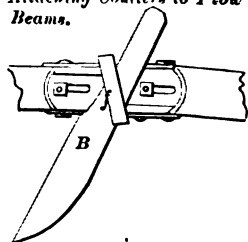
75412—J. G. Hedbold—Surgical Cup.



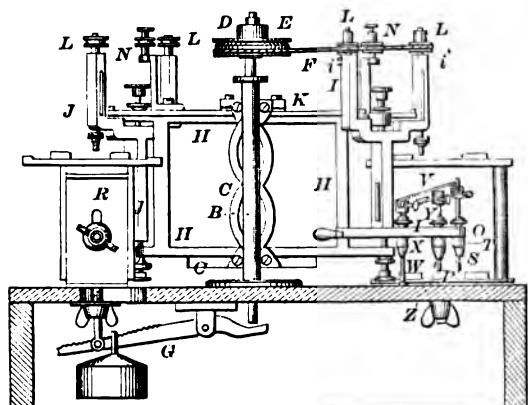
75410—A. J. Going—Cotton Seed Planter.



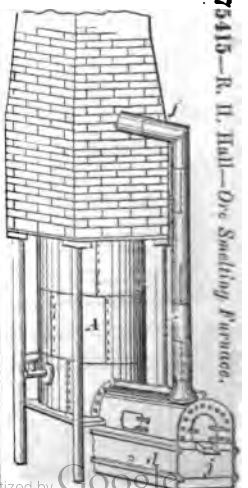
75414—J. H. Hall—Attaching Coulters to Plow Beams.



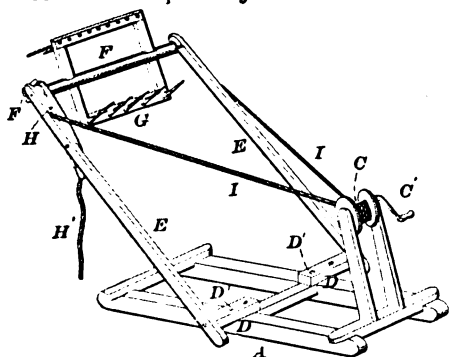
75413—I. Hall—For Carving Wood.



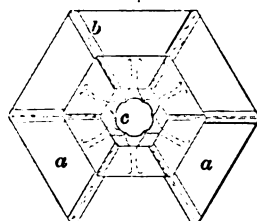
75415—R. H. Hall—Dye Smelting Furnace.



75416—J. Harper—Hay Raker and Loader.



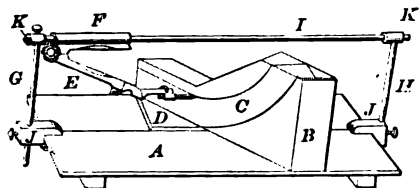
75418—H. M. Hartshorn—Lamp Shade.



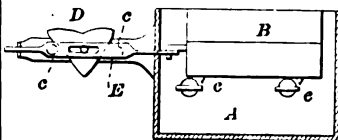
75422—D. K. Hickok—Clothes Pin.



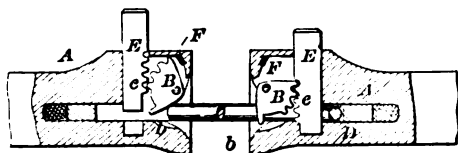
75423—G. Hoover—Trammel for Stair Rails.



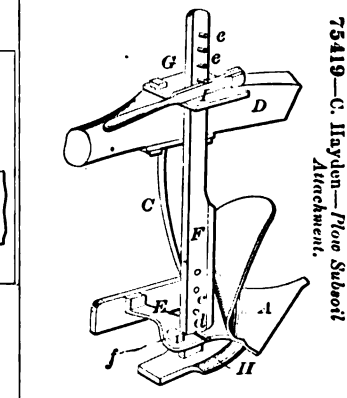
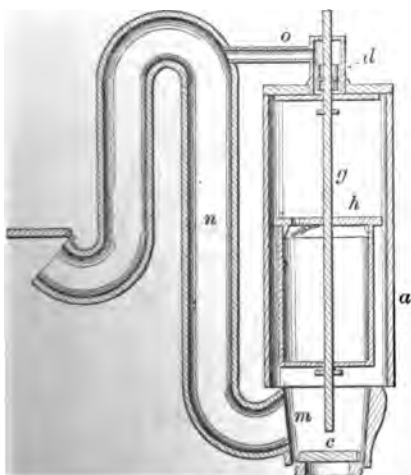
75417—S. Harris—Grain Separator.



75420—G. W. Haynie—Car Coupling.



75424—W. L. Horne—Steam Water Elevator.

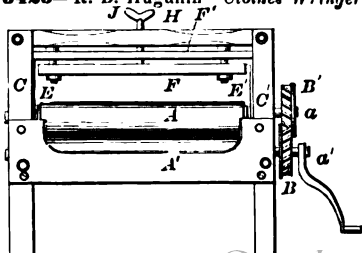


75419—C. Hayden—Pile Subsoil Attachment.

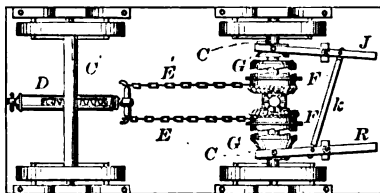
75421—D. E. Hayward—Scrub Brush.



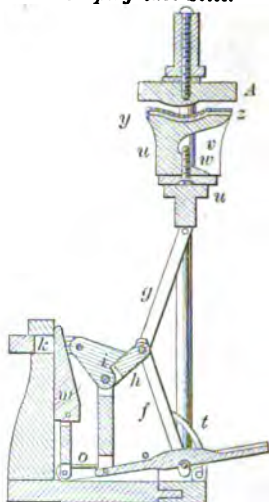
75425—R. B. Hugunin—Clothes Wringer.



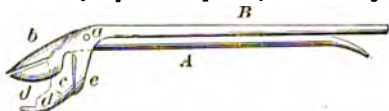
75426—C. S. Hunt—*Stopping and Starting Cars.*



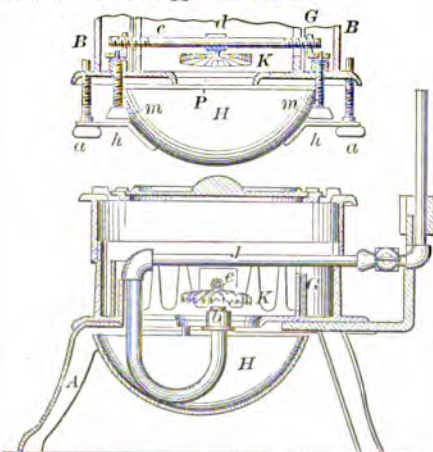
**75428—J. B. Johnson—For
Shaping Shoe Soles.**



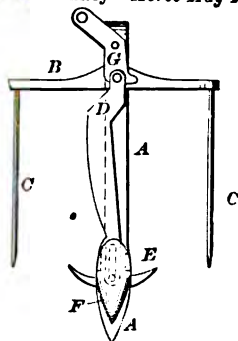
75427—Hyslop & Phillips—*Lifter and Tonge.*



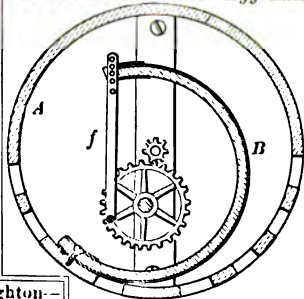
75429—D. Kellogg—*Gas Heater.*




75430—G. Kinney—*Horse Hay Fork.*



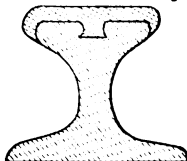
75432—A. E. Lazell—*Hygrometer*.



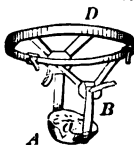
75431—A. A. Knowlton—
 *Artificial Teeth.*



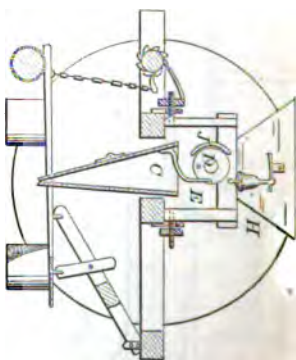
75433—W. Leighton—
Railroad Rail Fagot.



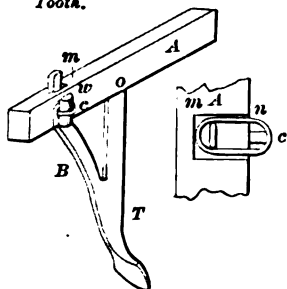
75434—H. W. Libbey—
Catamenial Sack.



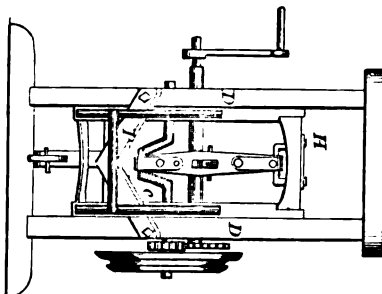
75435—N. & M. Liddell—*Corn Planter.*



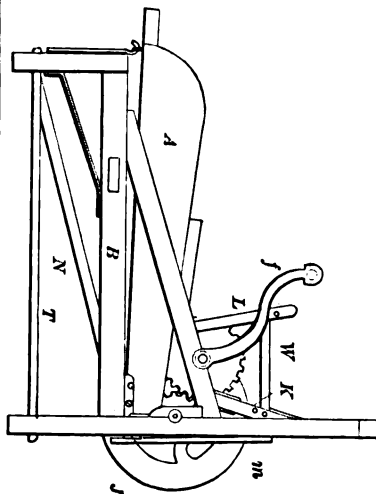
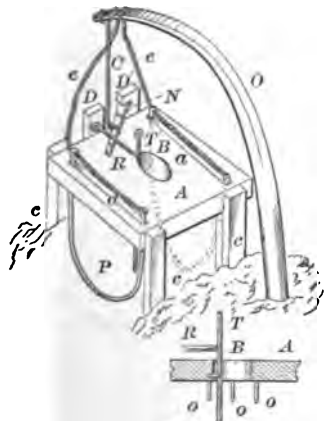
75436—Lowth & Howe—Cultivator
Tooth.



75437—C. A. Lundy—Straw Cutter.



75438—M. B. Marshall—Animal Trap.



75440—W. W. Mathews—Trebletree.

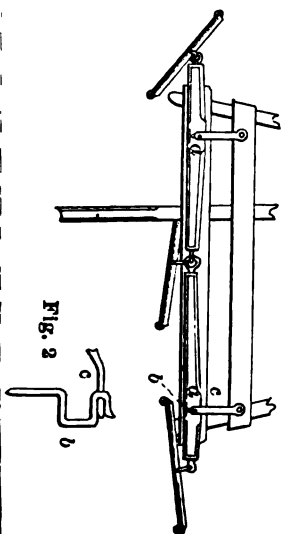
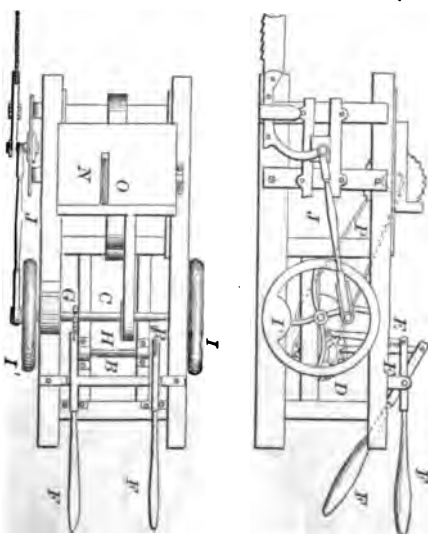
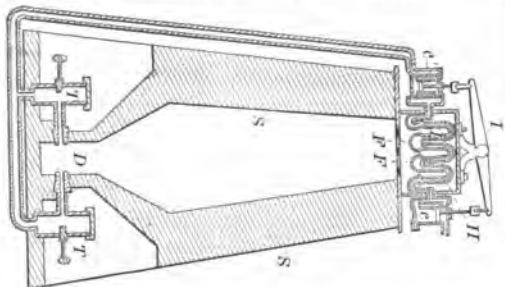


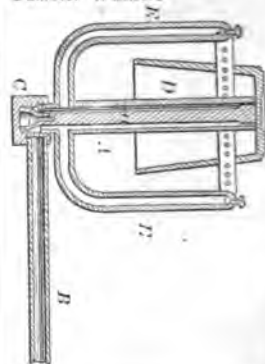
FIG. 2

75441—J. W. Maxey—Sawing Machine.

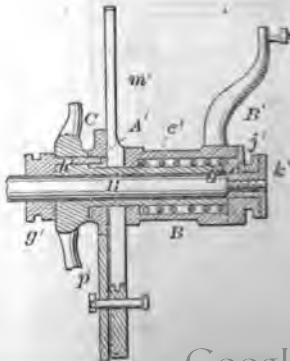
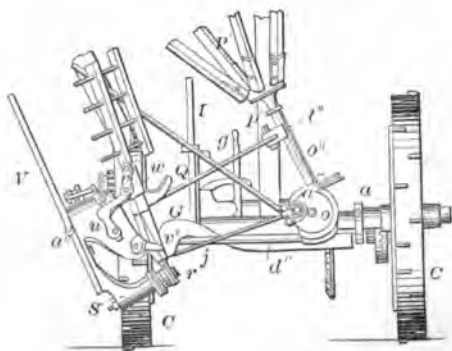
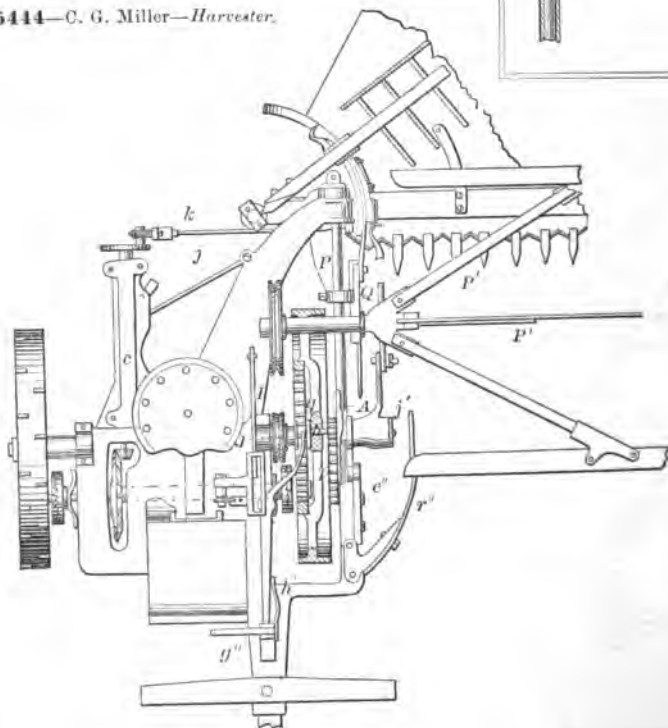


75442—T. McDowel—*Producing Hot Blast in Furnaces.*

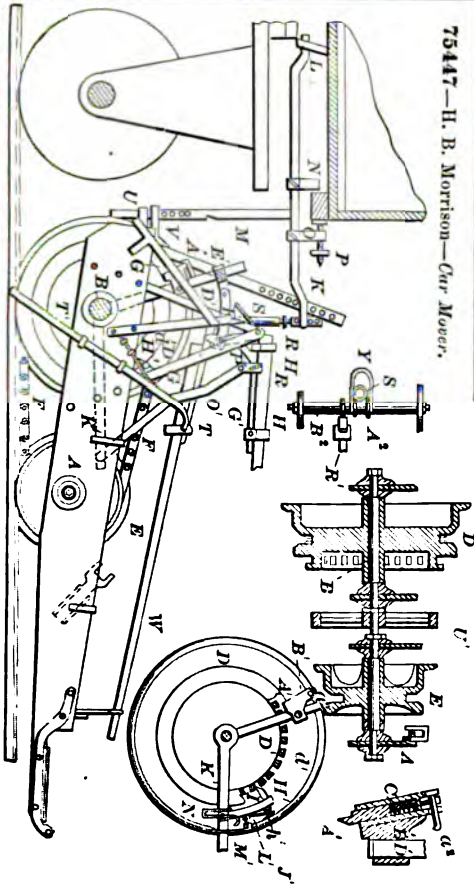
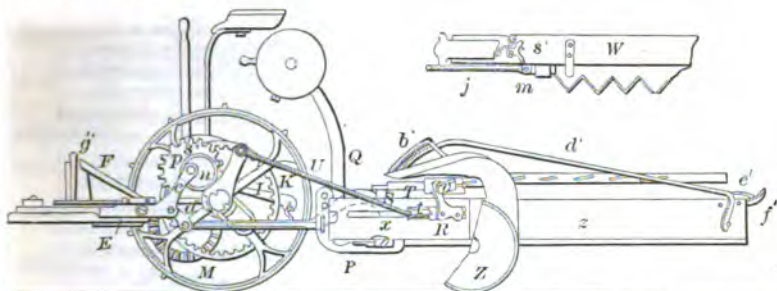
75443—J. P. Milburn—
Tumbler Washer.



75444—C. G. Miller—*Harvester*.

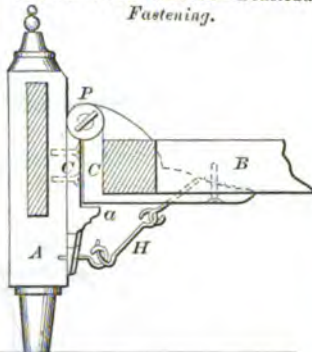


75444—Continued.

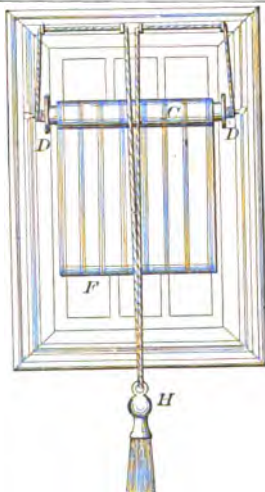


75447—H. B. Morrison—Cur. Moer.

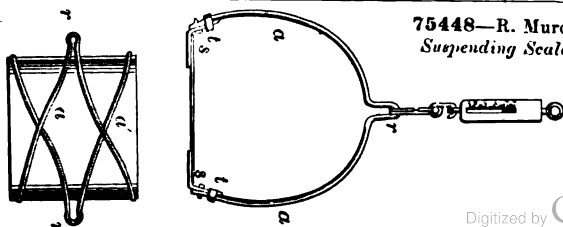
75445—J. E. Milliken—Bedstead Fastening.



75446—J. B. Moore—Window Shade Fixture.



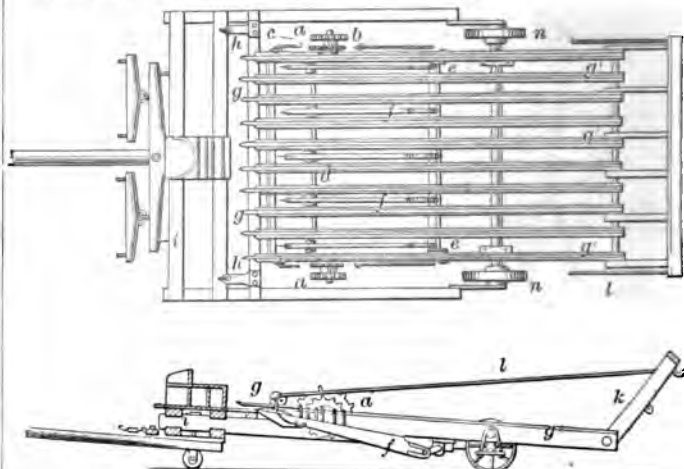
75448—R. Murdoch—Suspended Scale Pan.



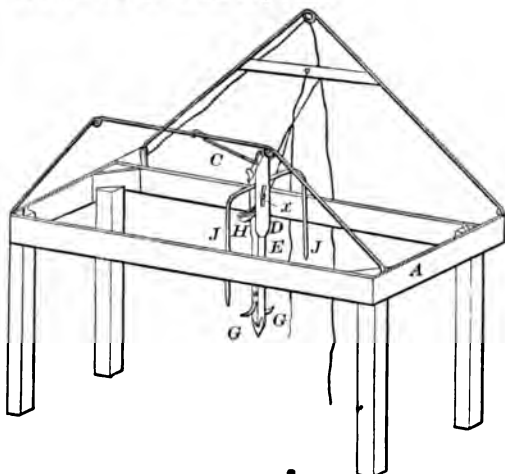
75449—P. Naylor—Trimming.



75450—W. T. Nicholas—Hay Raker and Loader.



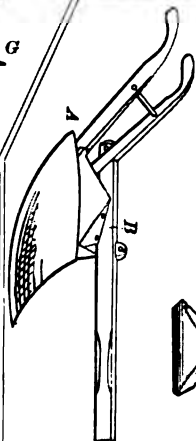
75452—S. Page—Horse Hay Fork.



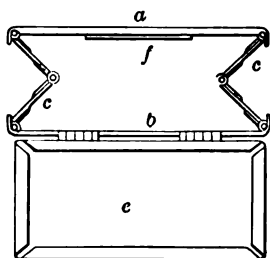
75454—L. T. Payne—Auger.



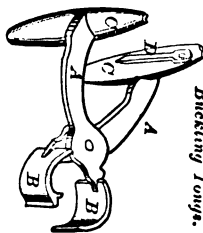
75455—J. D. Peck—Plane.



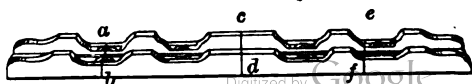
75451—P. H. Niles—Lunch Box.



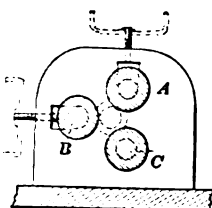
75453—W. P. Patton—Skate Bucking Tongue.



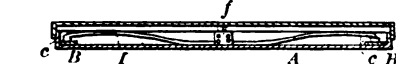
75456—C. H. Perkins—Forming Horse Shoe Blanks.



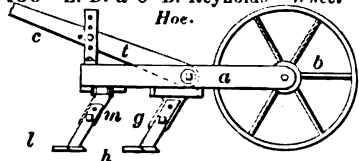
75457—W. P. Porter—
For Rolling Axles.



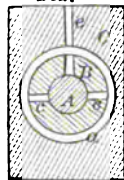
75458—A. W. Pratt—*Armet Portmonnaie.*



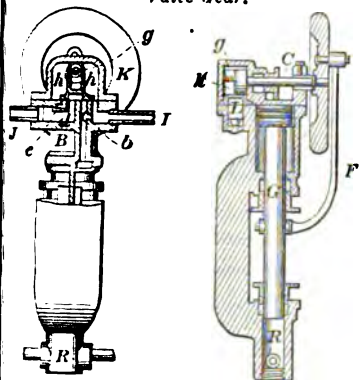
75460—E. D. & O. B. Reynolds—*Wheel Hoe.*



75465—Rowley & Poland—*Lubricating Box.*



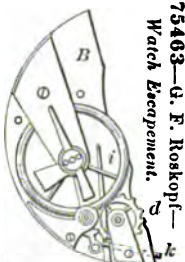
75459—Reaney & Cornell—*Steam Engine Valve Gear.*



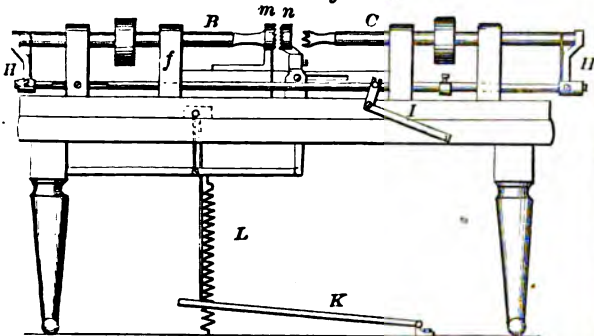
75461—E. S. Roberts—*Cotton Bale Tie.*



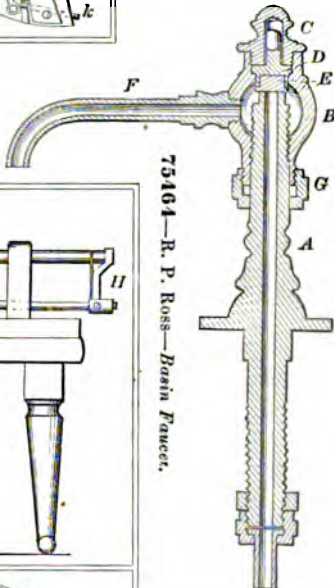
75463—G. F. Roskopf—*Watch Escapement.*



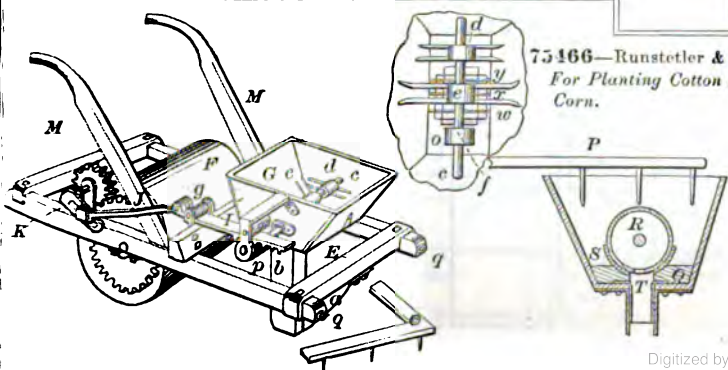
75462—D. C. Robie—*Button Turning Lathe.*



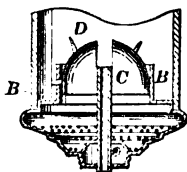
75464—R. P. Ross—*Brain Pincer.*



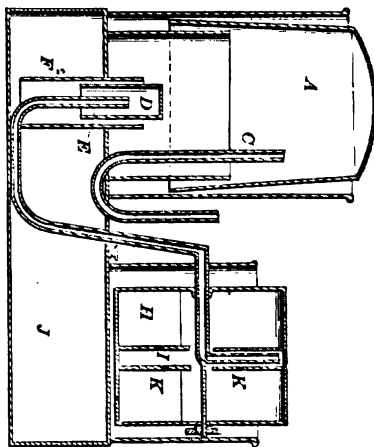
75466—Runstetter & Windeck—*For Planting Cotton Seed and Corn.*



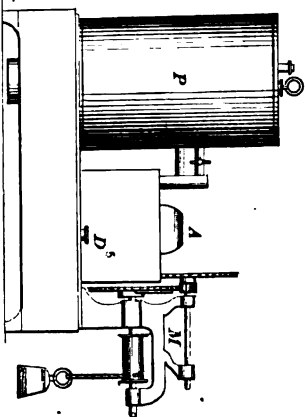
75467—L. L. Sagendorph—Lamp.



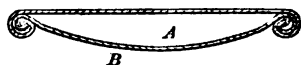
75469—J. Sangster—For Carbureting Air.



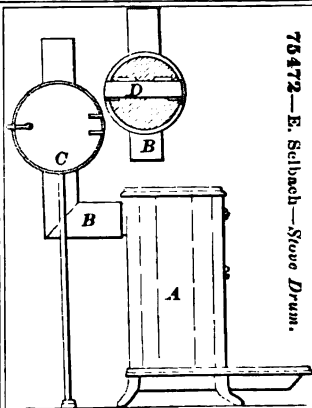
75468—J. Sangster—For Carbureting Air.



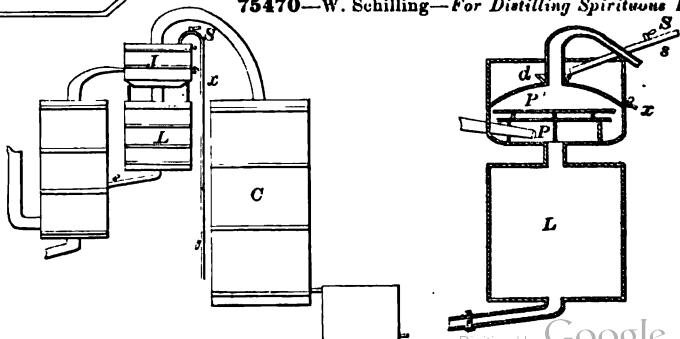
75471—G. Scott—Razor Strap Holder.



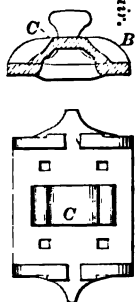
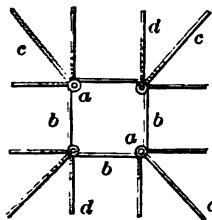
75472—E. Sehnach—Stove Drum.



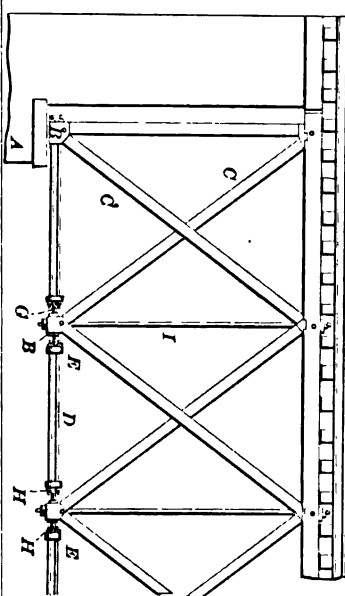
75470—W. Schilling—For Distilling Spirituous Liquors.



75474—Shoemaker & Phelps—Hop Vine Frame.

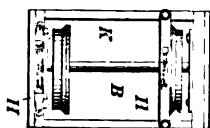


75475—W. S. Shotwell—Railroad Chair.

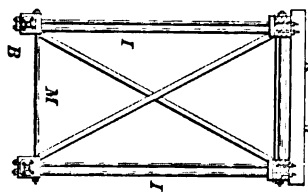
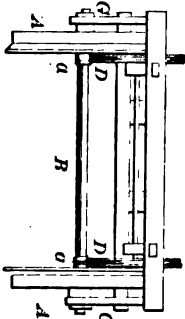


75477—F. H. Smith—Bridge.

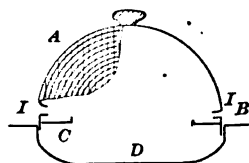
75481—H. B. Steele—Horn Hay Fork.



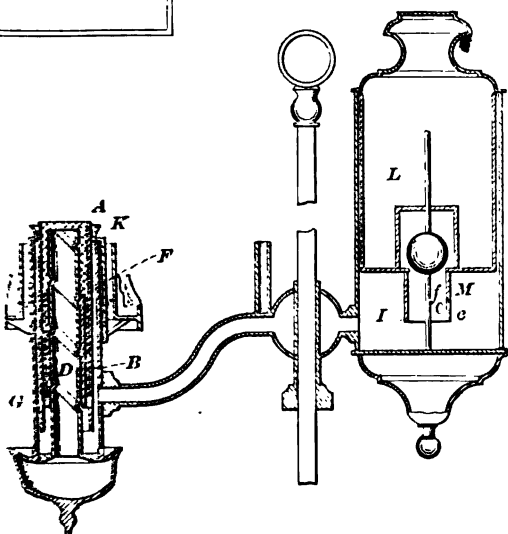
75476—W. S. Shotwell—Railway Truck.



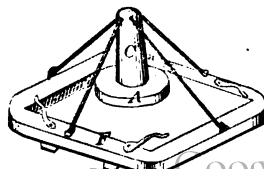
75480—A. Snyder—Fly Trap.



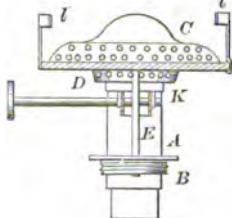
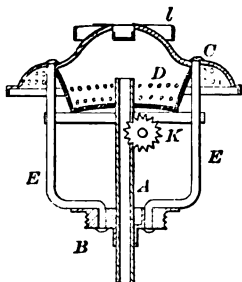
75479—W. H. Smith—Lamp.



75482—J. Stehman—Photographic Printing Apparatus.



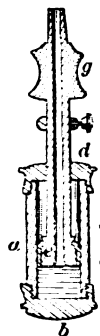
75483—C. St. John—*Lamp Burner.*



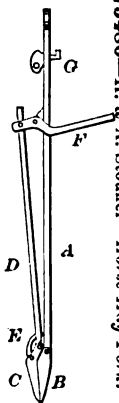
75484—F. A. Stollmann—*Vivus Pud.*



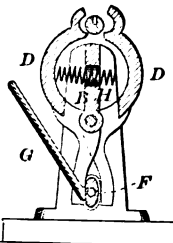
75485—K. A. Stehmann—Syringa.



75486—11. & A. Stouffer—Horne Hay Fork.



75487—O. W. Stow—Forming Beads on Sheet Metal Gutters.

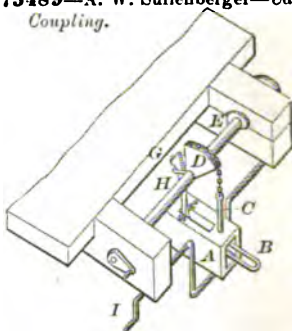


75488—E. E. Stubbs—

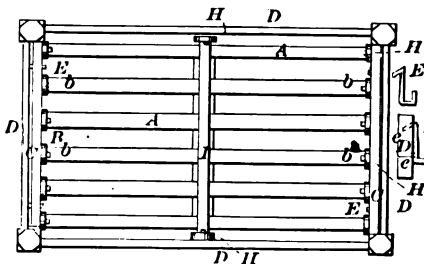


Bolt Fastening.

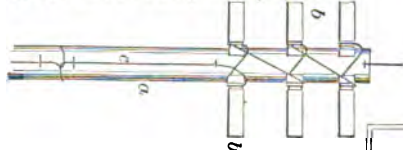
75-189—A. W. Sullenberger—Car
Coupling.



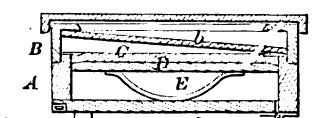
75490—R. Tattershall—Spring Bed Bottom.



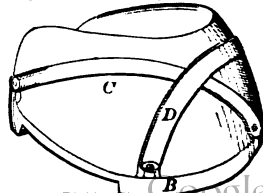
75492—C. F. Varley—*Telegraph Pole*

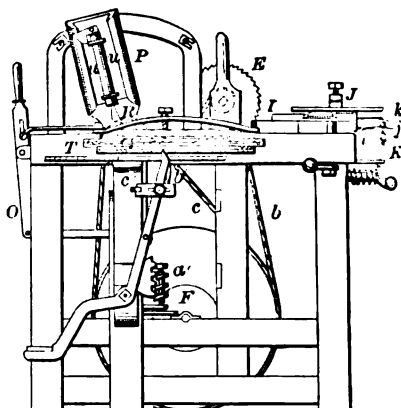
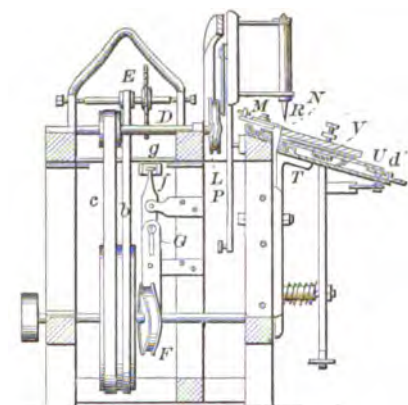
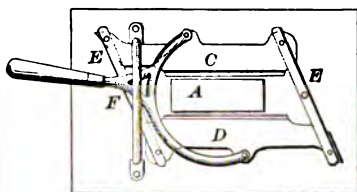
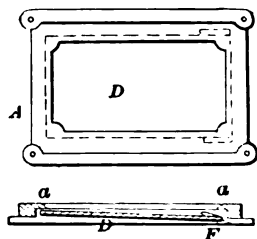
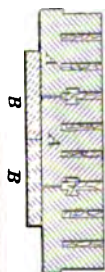
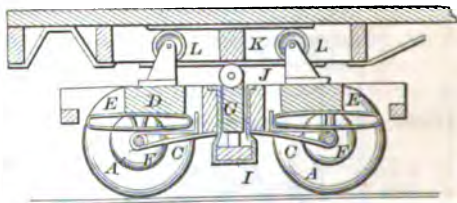
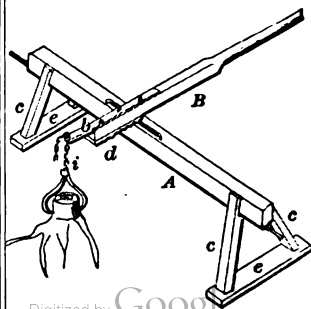
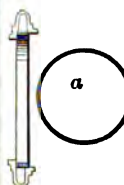


75493.—H. Vogel—Photometer.

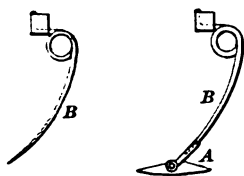


75494—J. Wagner—Attaching Horse Shoes.

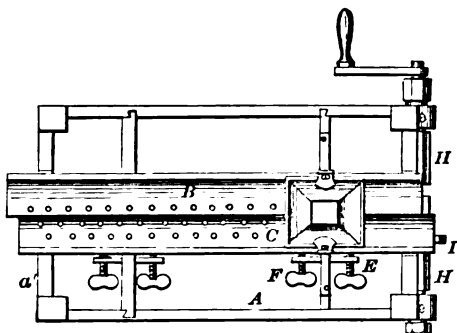


75506—R. Wolf—Dovetail Machine.**75508—T. P. Allen—Feed Cutter.****75507—W. I. Adams—Card Holder.****75504—C. Williams—Purment.****75513—J. Baysore—Car Truck.****75512—S. S. Avis—Stump Extractor.****75505—G. J. Wilson—Witch Case.****75510—F. S. Archer—Lantern.**

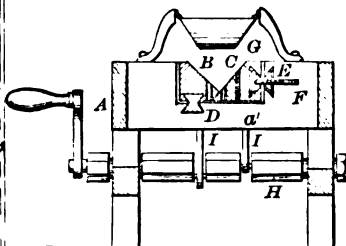
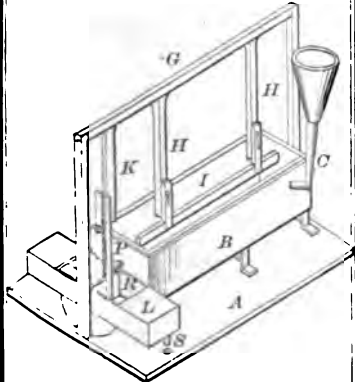
75514—H. L. Beach—Horse Rake.



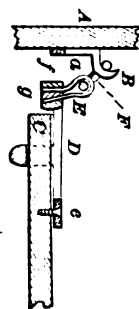
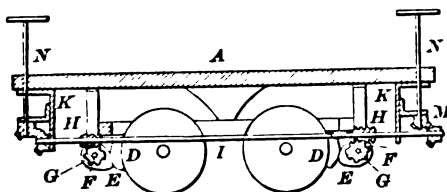
75620—W. T. Chaffee—Grain Separator.



75515—H. H. Bent—Cheese Vat.

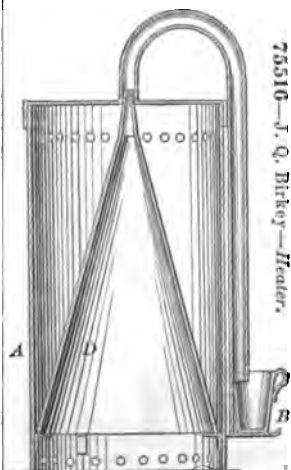
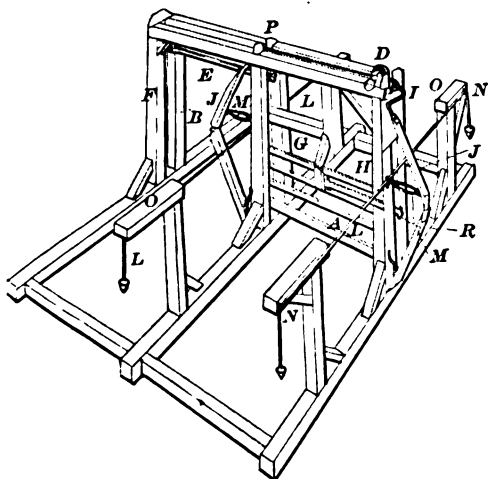


75518—W. H. Burke—Car Brake.

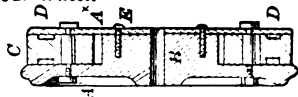


75519—E. Caswell—Bed Bottom.

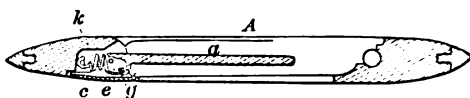
75517—W. Brown—Farm Gate.



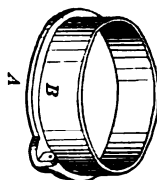
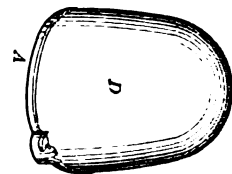
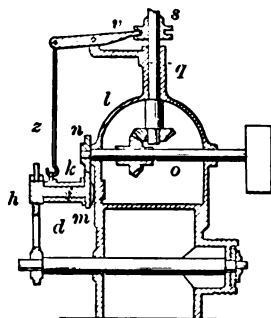
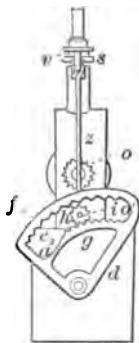
75516—J. Q. Birkey—Heater.

75521—S. B. Chapman—
Car Wheel.

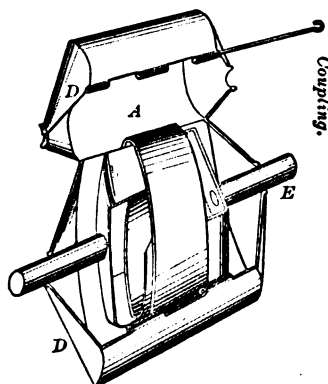
75522—D. G. Chase—Shuttle.



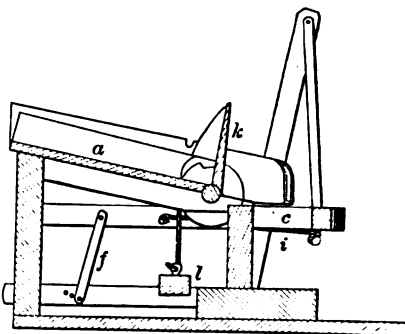
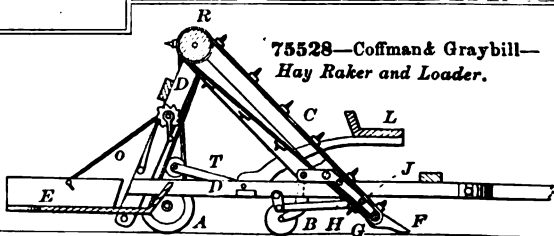
75523—D. L. F. Chase—Steam Engine Governor.



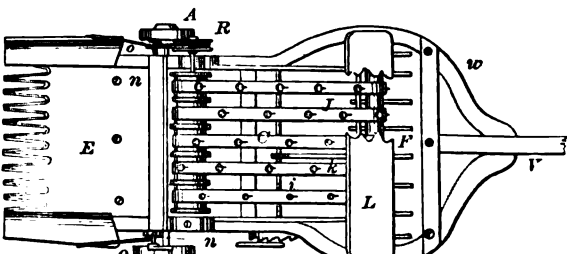
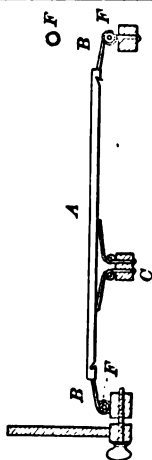
75524—J. Chase, Jr.—Bake Pan.

75525—S. E. Chase—Covering for Shaft
Coupling.

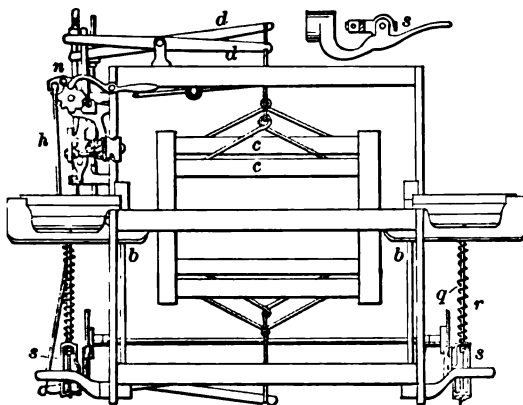
75526—J. A. Clarke—Ferry Bridge Guard.

75528—Coffman & Graybill—
Hay Raker and Loader.

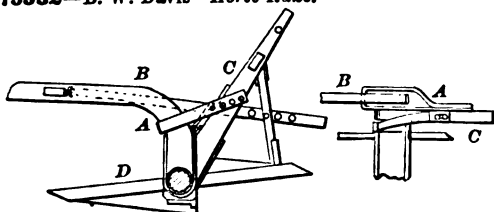
75527—J. C. Cline—Bedstead.



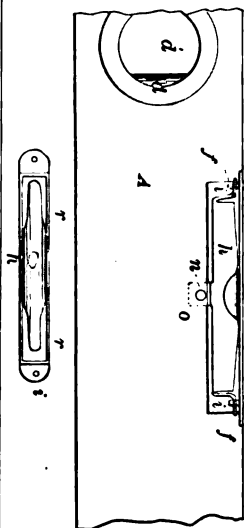
75530—G. Crompton—Loom.



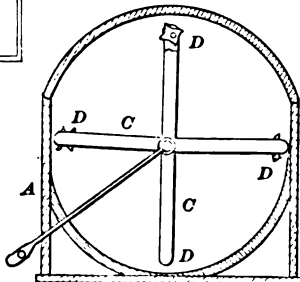
75532—B. W. Davis—Horse Rake.



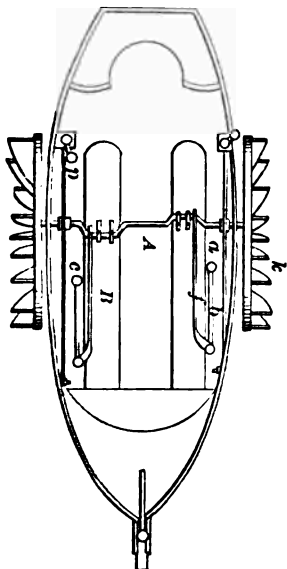
75534—L. L. Davis—Adjustable Spirit Level.



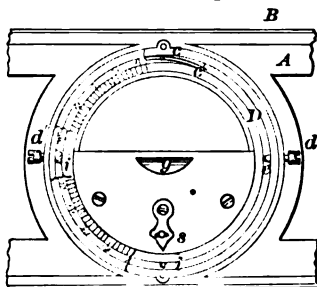
75539—G. C. Fitch—Churn.



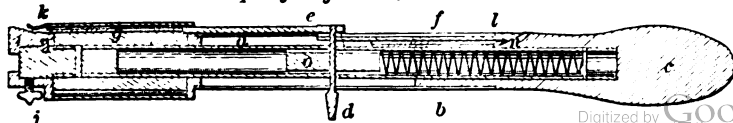
75531—W. G. Crossley—Velocipede.



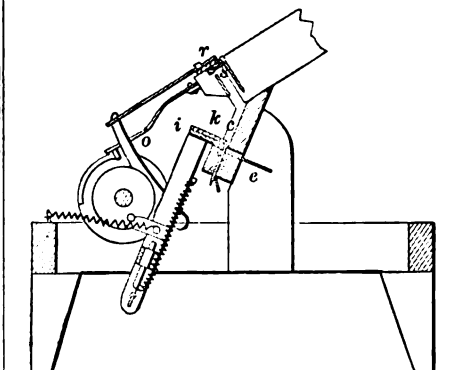
75533—L. L. Davis—Spirit Level.



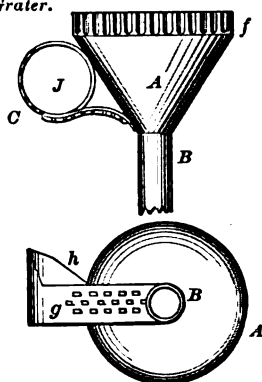
75529—N. L. Cole—Lamp Lighting Device.



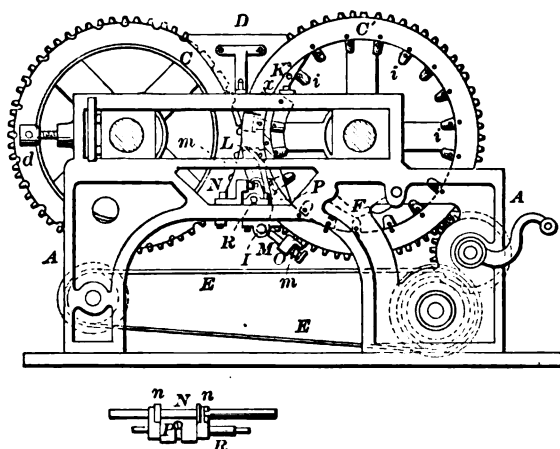
75540—T. Fowler—For Papering Pins.



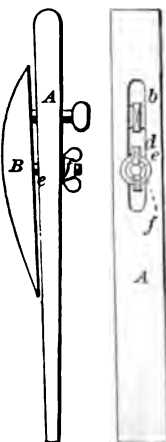
75541—E. A. Goodes—Funnel and Grater.



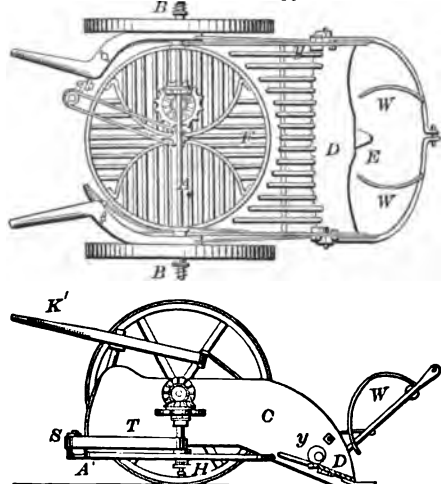
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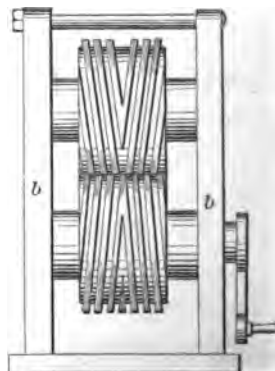
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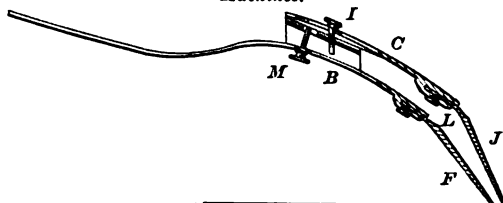
75543—A. Hadwen—Potato Digger.



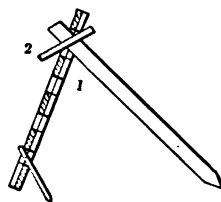
75544—U. Haskin, Jr.—Spiral Gearing.



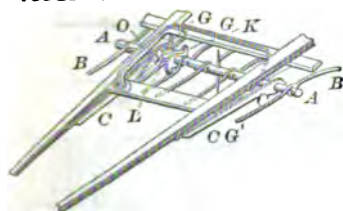
75546—I. W. Henderson—*Pen Holder for Ruling Machines.*



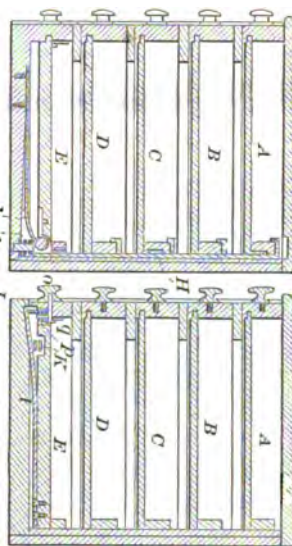
75551—S. Keller—*Fence.*



75548—J. N. Hicks—*Horse Rake.*

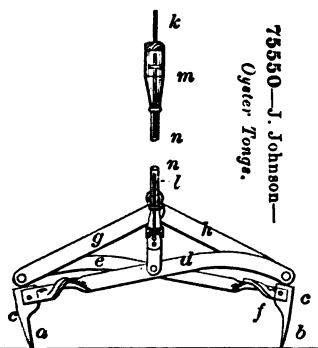


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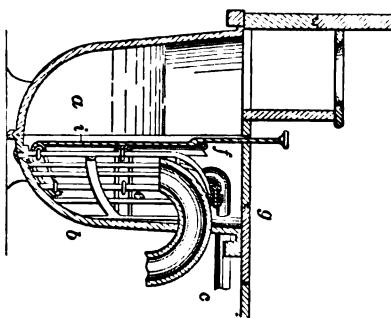
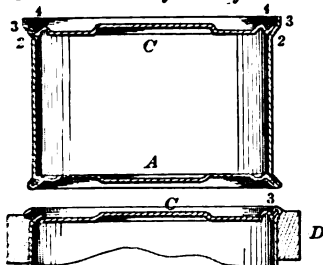


75553—J. Koch—*Furniture Drawer and Fastening.*

75550—J. Johnson—*Oyster Tong.*

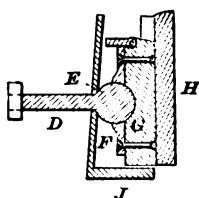
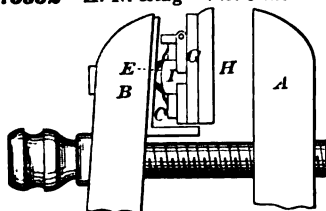


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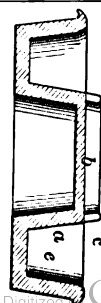


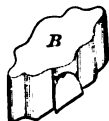
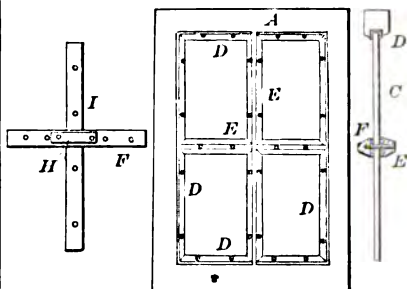
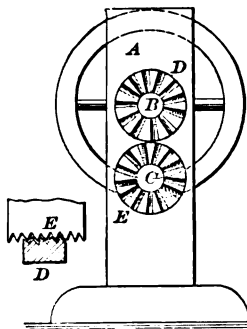
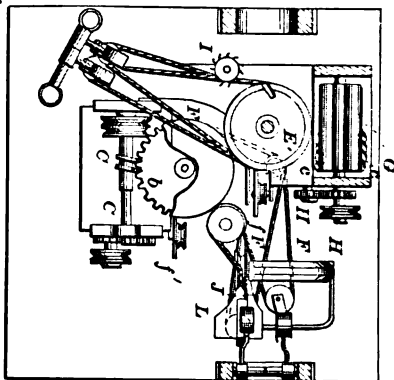
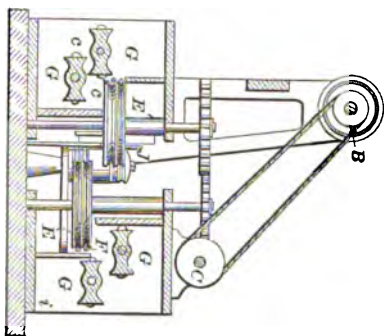
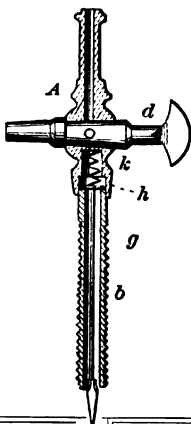
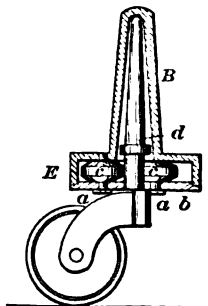
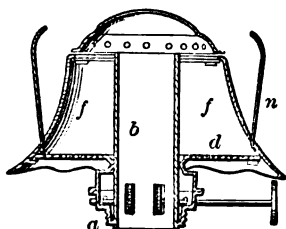
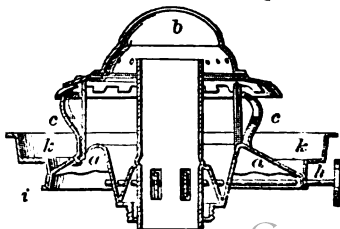
75549—J. Ingram—*Press.*

75552—H. N. King—*Vise Jaw.*

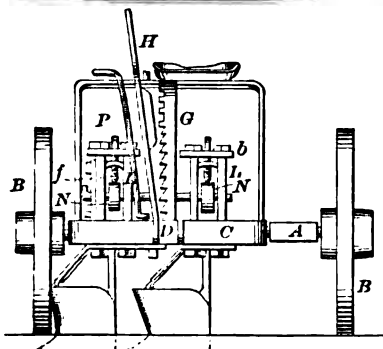
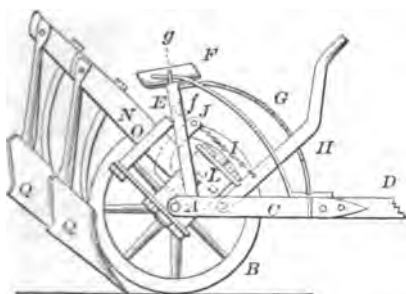


75555—W. Lilly—*Treatment of House Plants.*



75556—J. Liness—*Window Sash.*75558—J. B. Macduff—*Forming Raised Ornaments on Wood.*75562—H. S. Morgan—*Clutch Pounder.*75559—W. C. McBride—*For Dressing Flux.*75563—J. Morton—*Cutting Saw Teeth.*75557—W. I. Luther—*Bottle Faucet.*75564—H. Munroe—*Caster.*75565—G. Neilson—*Lamp Burner.*75566—G. Neilson—*Lamp Burner.*

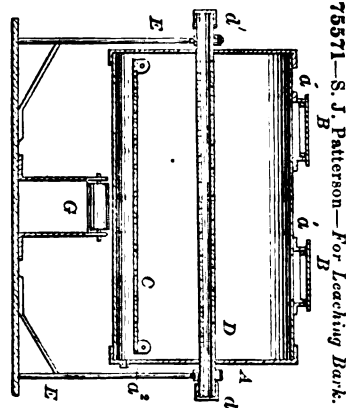
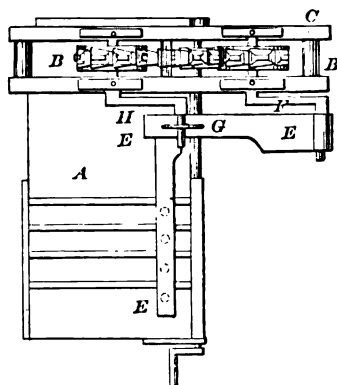
75567—W. Nelson—*Gang Plow.*



75568—H. B. Nickerson—*File.*

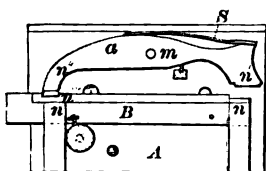


75570—E. Ogden—*Harvester Rake.*

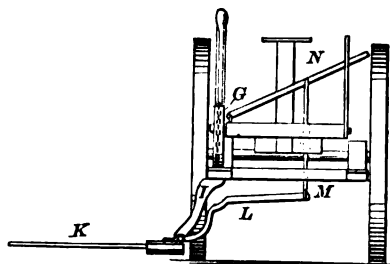


75571—S. J. Patterson—*For Leaching Bark.*

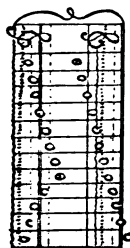
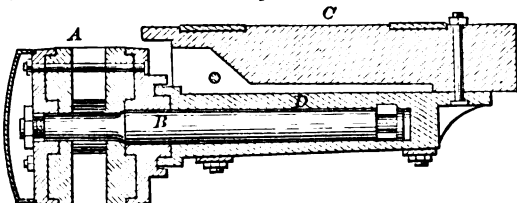
75569—H. Norton—*Door Lock.*



75573—J. W. Pierce—*Mowing Machine.*

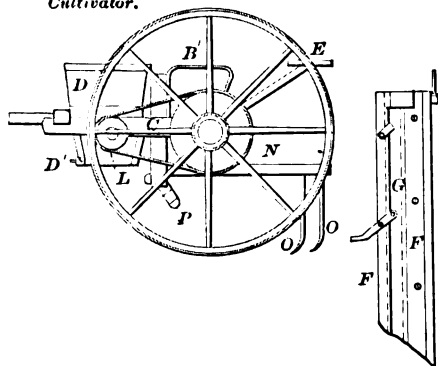


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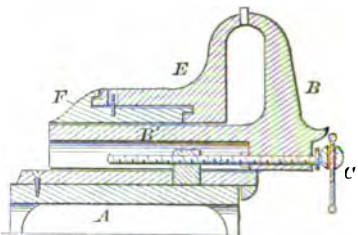


75572—P. Phillips—*Musical Notation.*

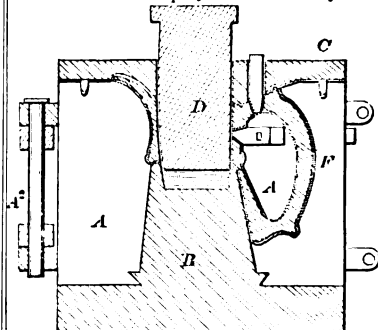
75575—O. M. Pond—Seeding Machine and Cultivator.



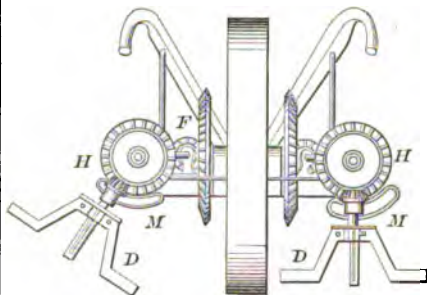
75576—M. Printiss—Vise.



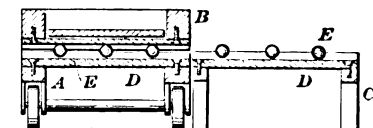
75577—D. C. Ripley—Glass Manufacture.



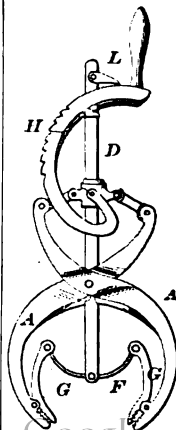
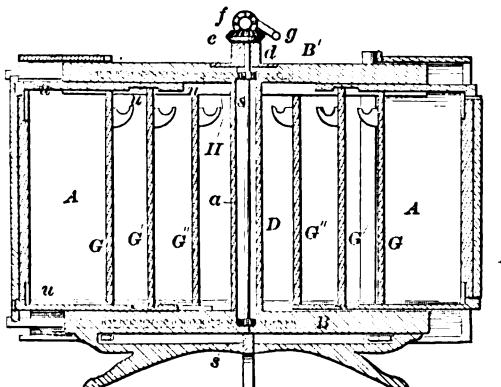
75578—E. B. Roberts—Cultivator.



75581—L. Savage—Railroad Freight Car.

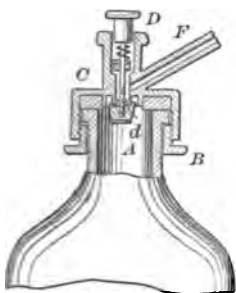


75579—J. G. Roux—Extension Wardrobe.

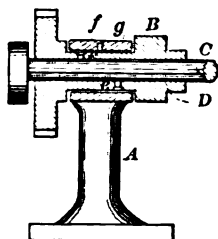


75580—J. O. Kurt—for Lasting Boots and Shoes.

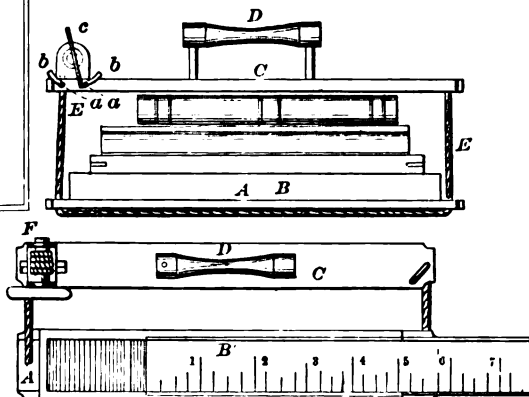
75582—A. D. Schnackenberg—
Vessel for Mineral Water.



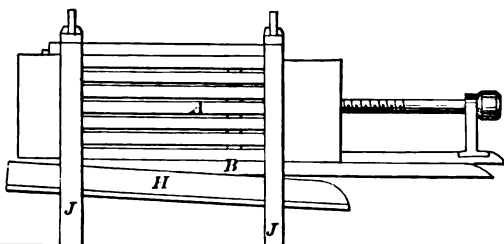
75584—M. Senior—
Lubricating Device.



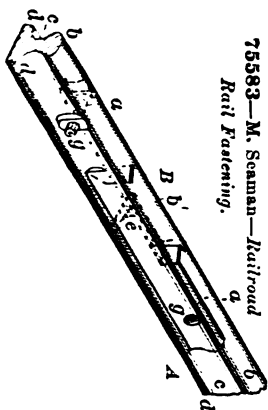
75588—C. W. Sherwood—Portable Book Clamp.



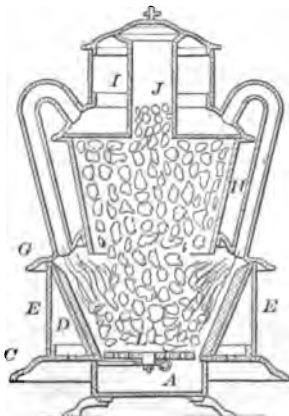
75589—A. W. Shidler—Cider Press.



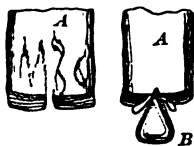
75583—M. Seaman—Railroad
Rail Fastening.



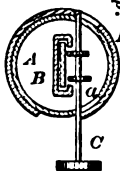
75585—S. D. Sexton—Stove.



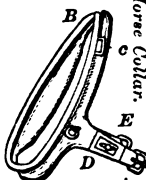
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Suppository.

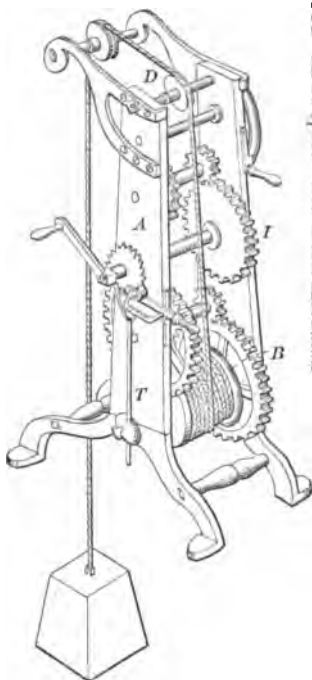
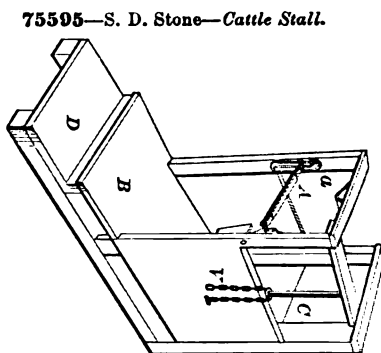
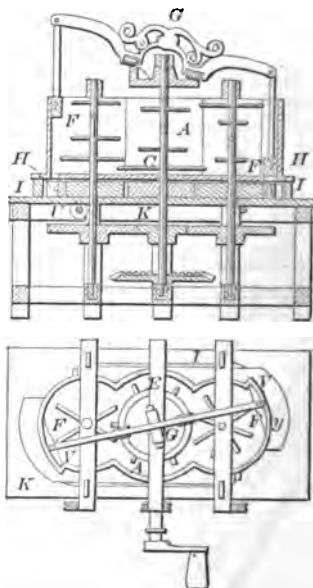
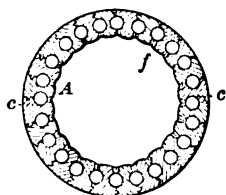
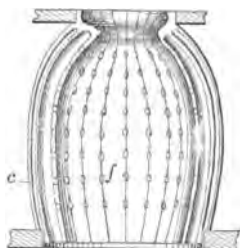
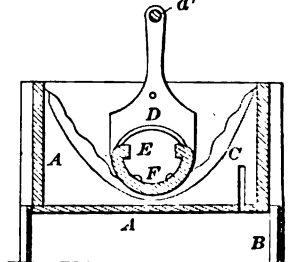
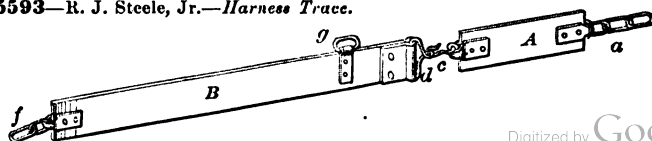


75587—Shes & Gillman—
Lamp.

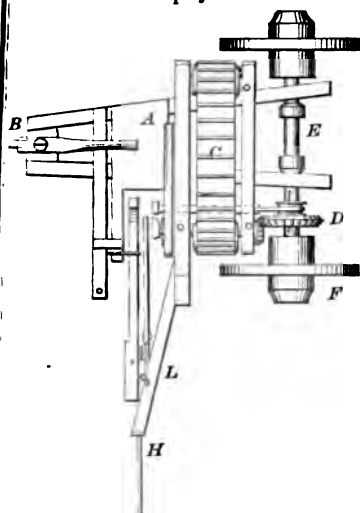


75590—J. H. Spierbeck—
Horse Collar.

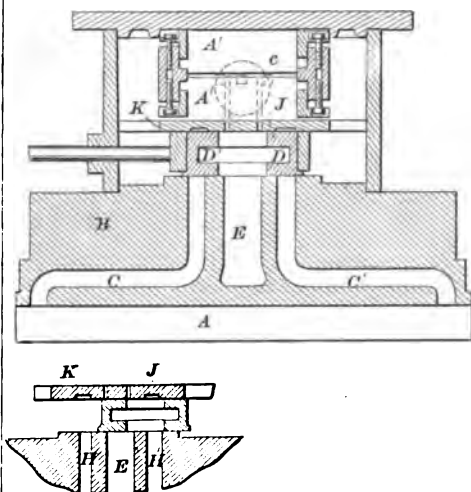


75591—M. F. Spore—*Mechanical Movement.*75595—S. D. Stone—*Cattle Stall.*75596—J. Taggart—*Brick Machine.*75594—D. L. Stiles—*Stove Fire-Pot.*75592—E. Stair—*Washing Machine.*75593—R. J. Steele, Jr.—*Harness Trace.*

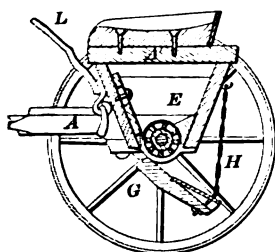
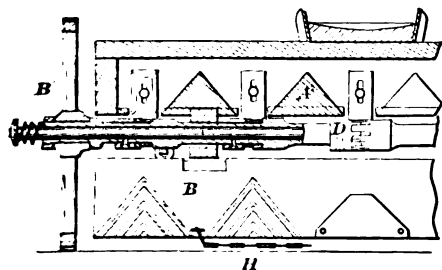
75597—H. Tarpley—Horse Power.



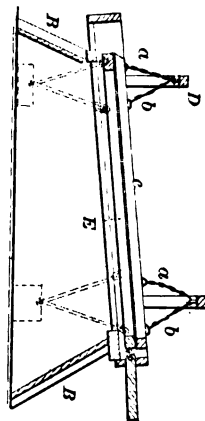
75598—W. Thilmany—Steam Engine Valve.



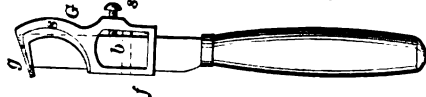
75601—F. W. Tilton—Seed Sower.



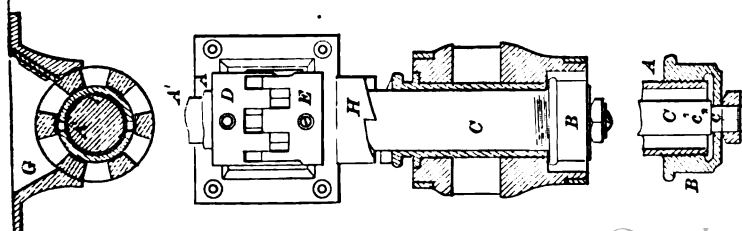
75599—S. Thompson—Hanging Sices and Screens.



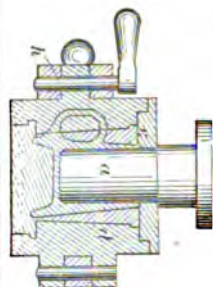
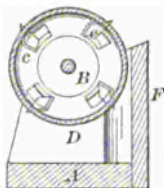
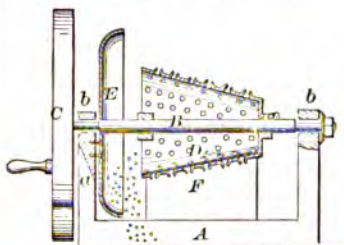
75602—G. G. Townsend—Shoe Knife Guard.



75600—F. W. Tilton—Seed Planter.

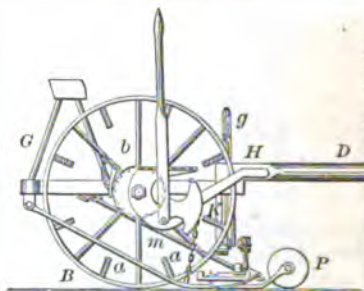
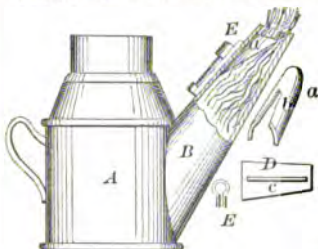


75605—C. Vignal—Vegetable Cutter.



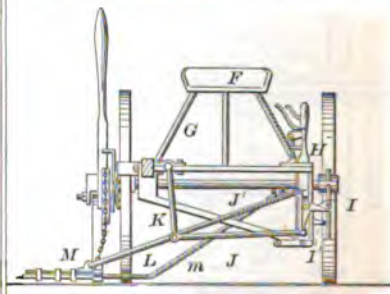
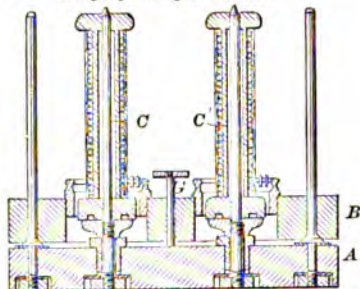
75604—D. Turpin—Glass Mould.

75603—G. W. Trimble—Miners' Lamp.

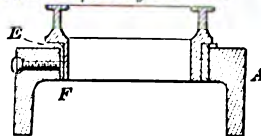


75606—L. Wallace—Harvester.

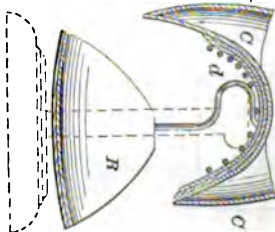
75609—J. W. Wattles—Clearer for Ring Spinning Machines.



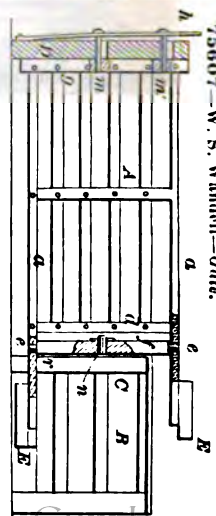
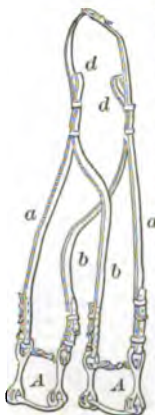
75610—J. W. Wattles—Ring and Traveler Spinning Machine.



75611—J. D. Westgate—Sad Iron Holder.

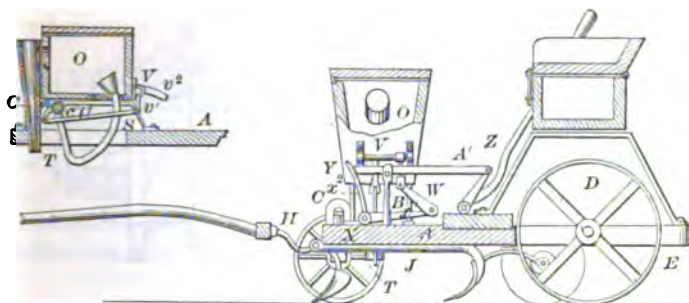


75614—L. D. Woodmansee—Drying Liner.

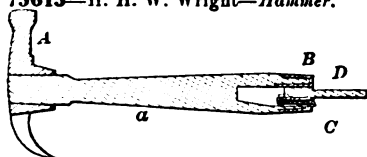


75607—W. S. Wandell—Vice.

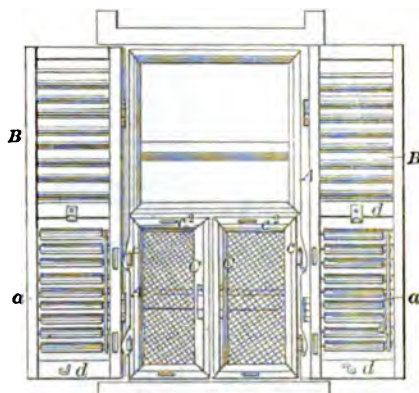
75613—S. C. Wilder—Seed Planter.



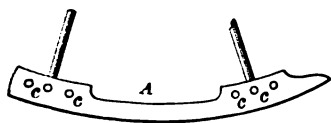
75615—H. H. W. Wright—Hammer.



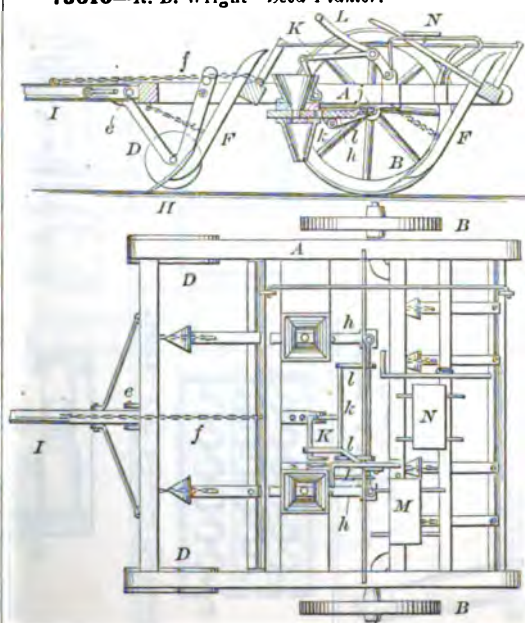
75612—J. R. Wharry—Window Netting.



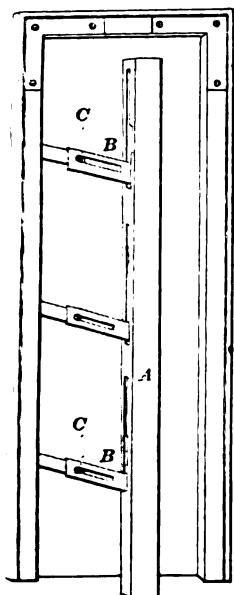
75617—L. B. Yale—Chair Rocker.

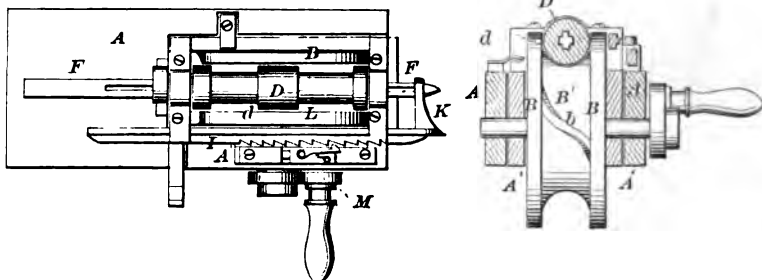
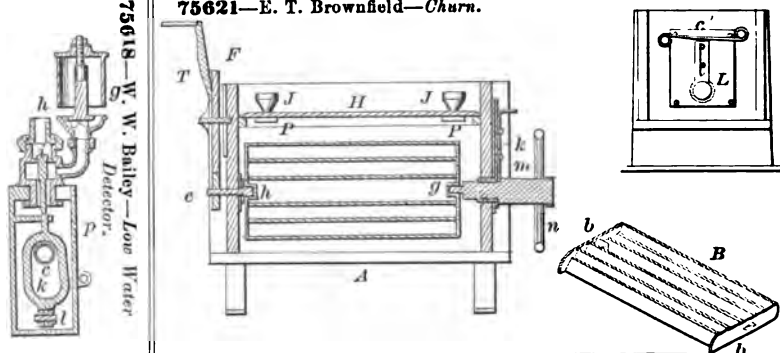
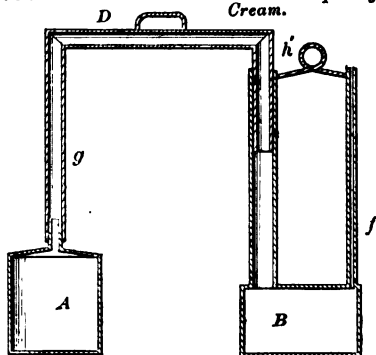
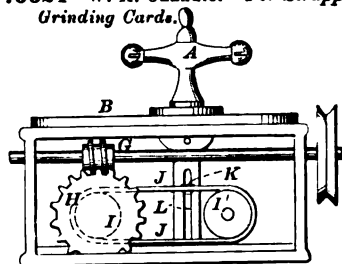
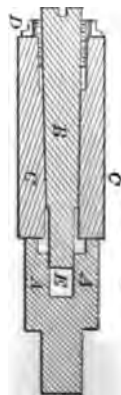
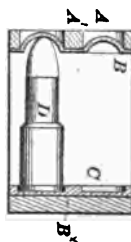
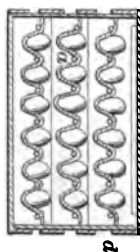
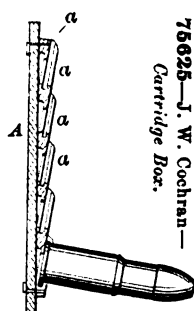


75616—R. B. Wright—Seed Planter.

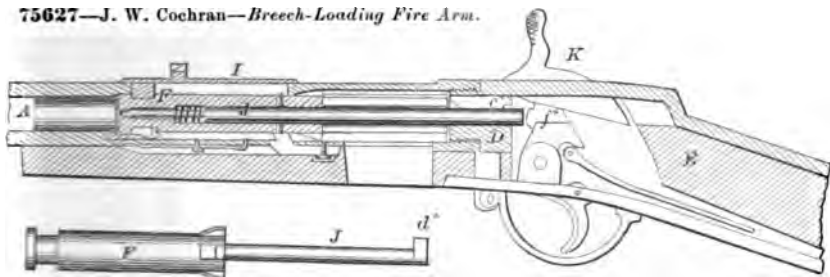


75619—W. G. Byrmyer—Printer's Galleys.

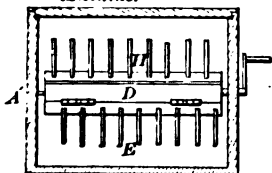


75620—F. E. Boyd—Feeding Nail Plates.**75621—E. T. Brownfield—Churn.****75622—E. T. Brownfield—For Tempering Cream.****75624—W. H. Chandler—For Strapping and Grinding Cards.****75628—A. Conklin—Reaming Tool.****75626—J. W. Cochran—Cartridge Box.****75623—A. H. Bryant—Egg Carrier.****75625—J. W. Cochran—Cartridge Box.**

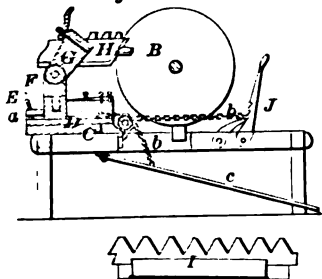
75627—J. W. Cochran—Breech-Loading Fire Arm.



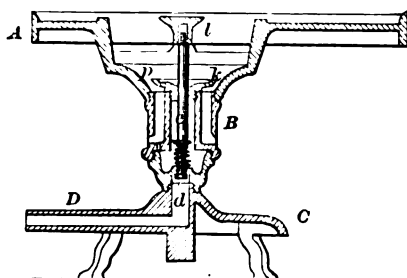
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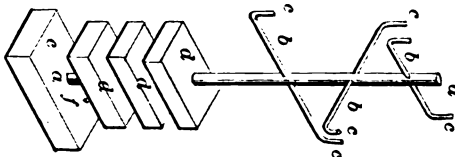
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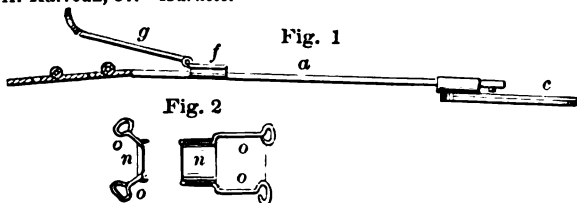
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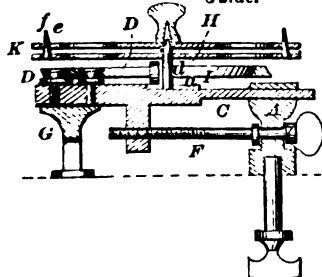
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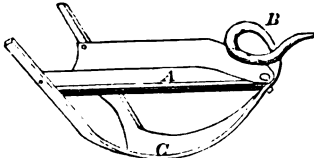
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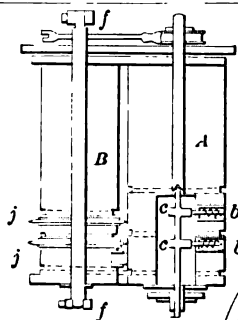
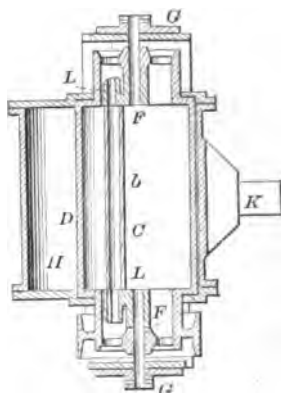
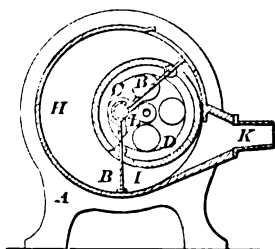
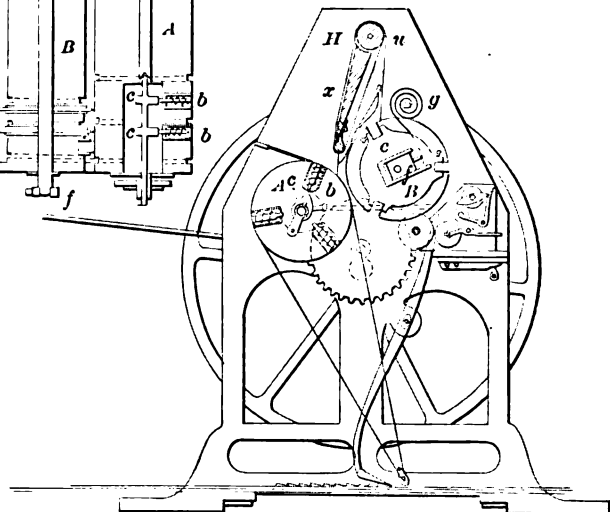
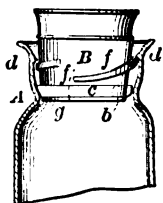
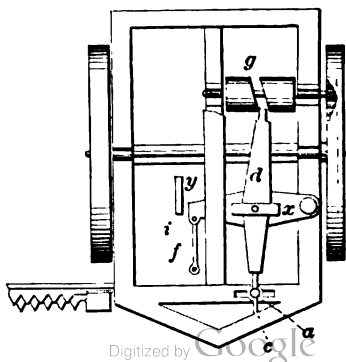


75637—C. H. Lockwood—Sewing Machine Guide.

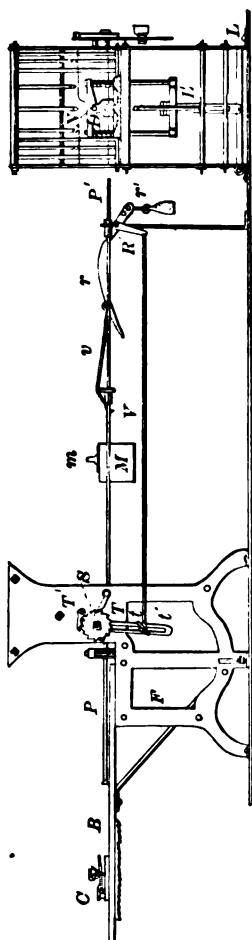
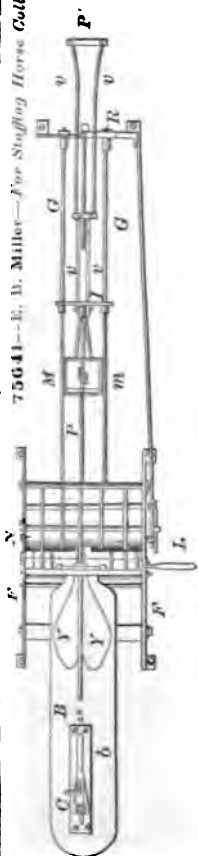


75630—H. P. Curtis—Lifting Hook Guard for Stoves.

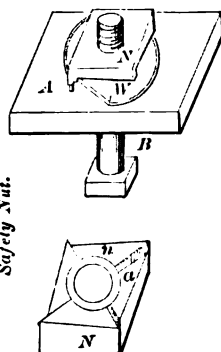


75635—C. W. Isbell—*Rotary Blower.***75638**—Maas & Fischer—*For Stamping Letters.***75639**—A. D. McMaster—*Fruit Jar.***75640**—E. W. Merrill—*Harvester.*

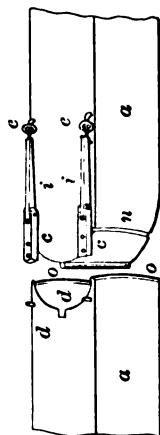
75041--E. D. Miller--For Stuffing Horse Collars.



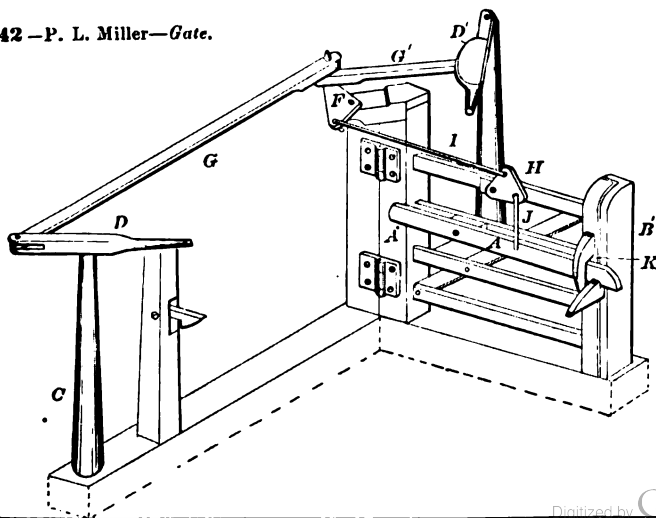
75043--A. V. B. Orr--Spring Washer and Safety Nut.



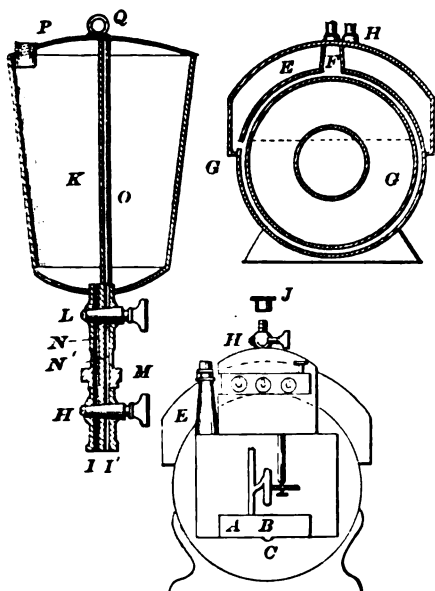
75045--Raymond & Hanley--Coupling for Sectional Vessels.



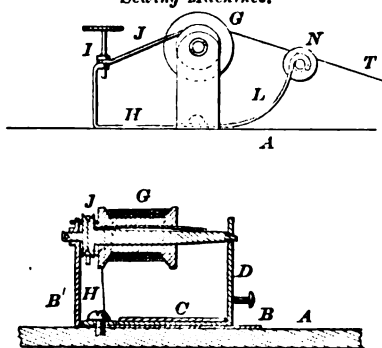
75042--P. L. Miller--Gate.



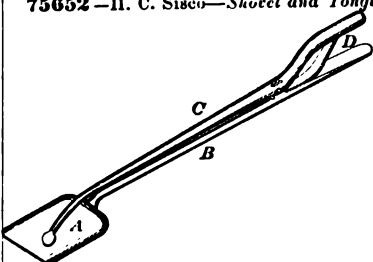
75653—A. W. Smith—Gas Meter.



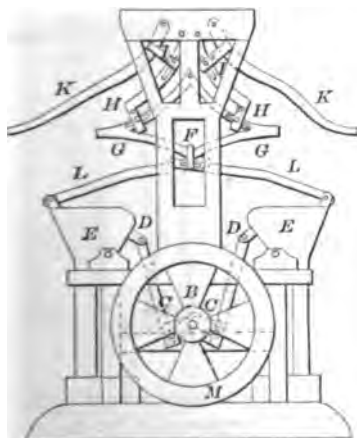
75654—S. Snyder—Thread Tension for Sewing Machines.



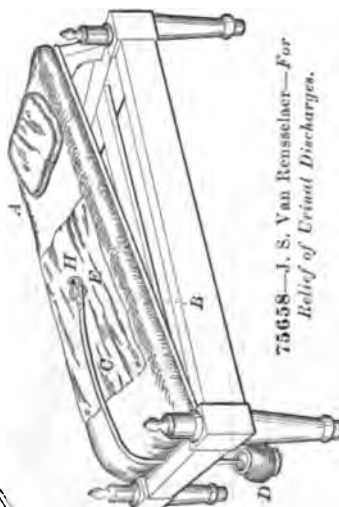
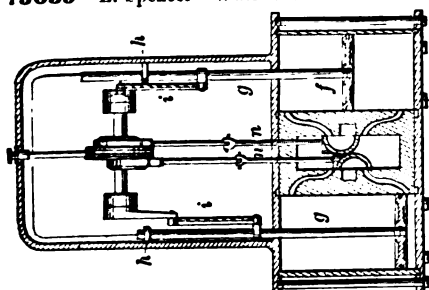
75652—H. C. Sisco—Shovel and Tonge.



75657—Ulmann & Bockman—Hand Engine.

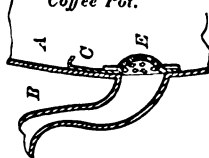


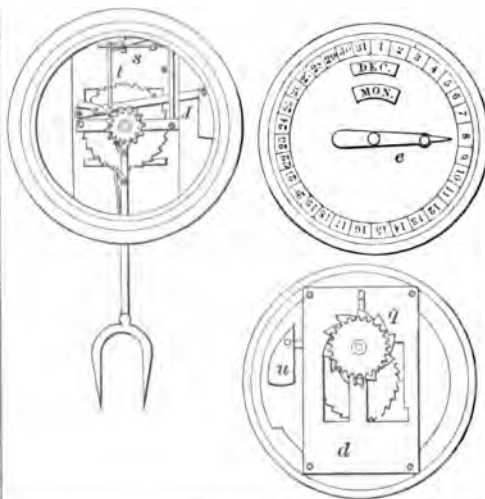
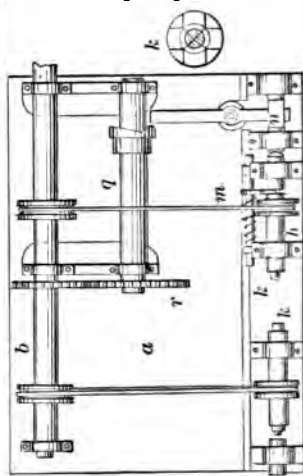
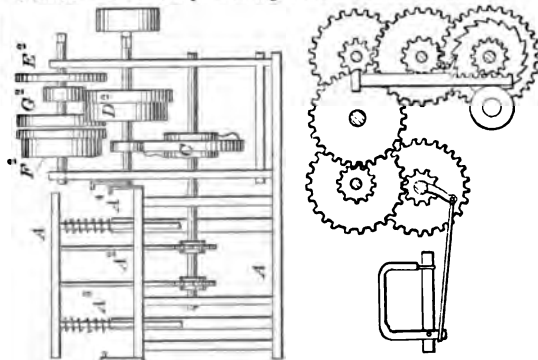
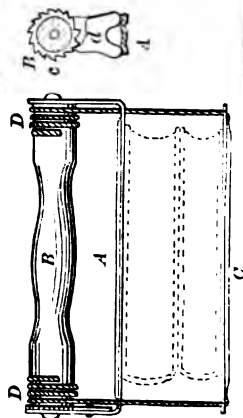
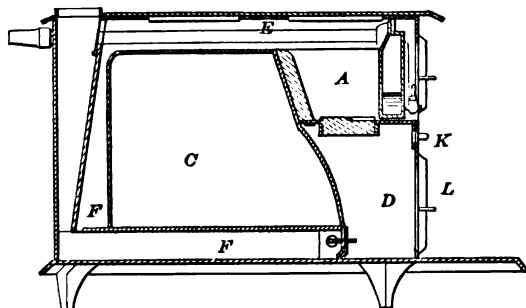
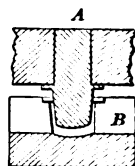
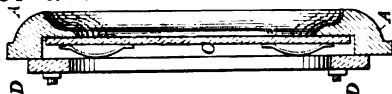
75655—E. Spencer—Water Meter.



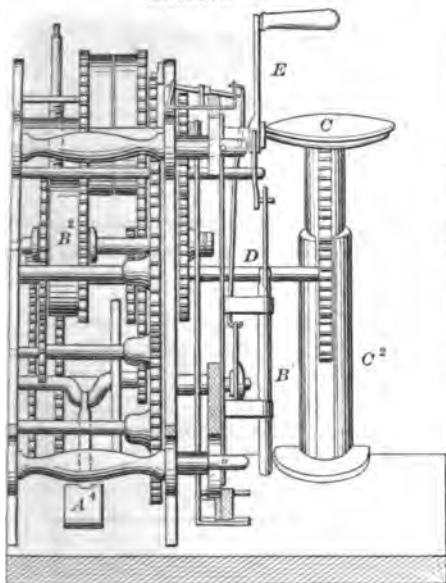
75658—J. S. Van Rensselaer—For Relief of Urinary Discharges.

75651—M. Simons—Tea and Coffee Pot.

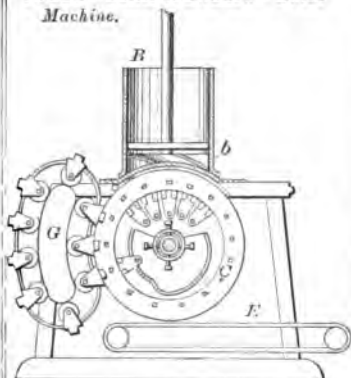


75659—A. S. Vose—*Calendar***75663**—H. D. Blake—*For Riveting Hinges.***75666**—A. C. Crary—*Sewing Machine Attachment.***75660**—W. C. Watson—*Book Clamp.***75665**—G. Chilson—*Cooking Stove.***75662**—H. W. Bailey—*For Making Hammers.***75664**—C. H. Buck—*Stove Window.*

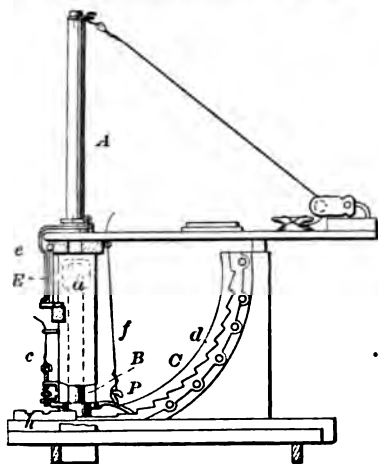
75667—A. C. Cray—For Operating Sewing Machines.



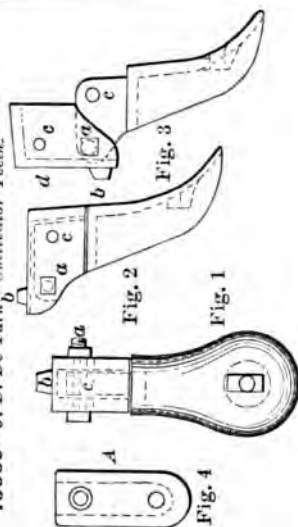
75668—Cutler & Swallow—Brick Machine.



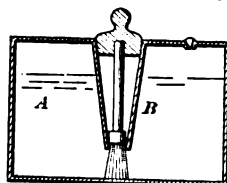
75671—G. Dowling—For Lowering Ships' Masts.



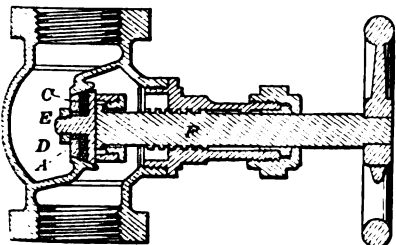
75669—J. D. De Turk—Cutliver Teeth.



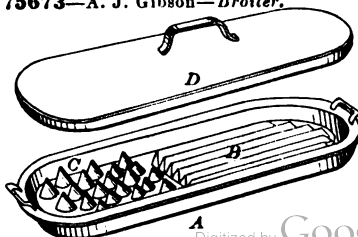
75672—H. H. Ebaugh—Mucilage Bottle.



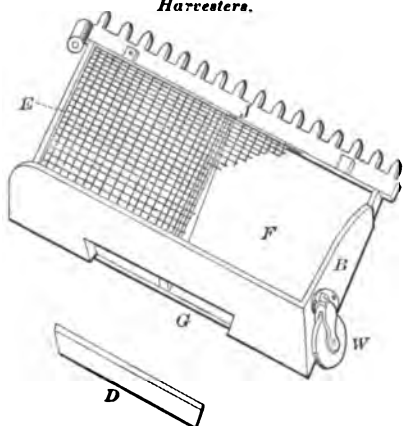
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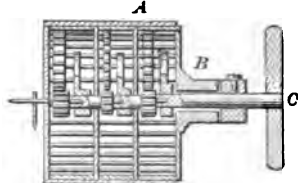
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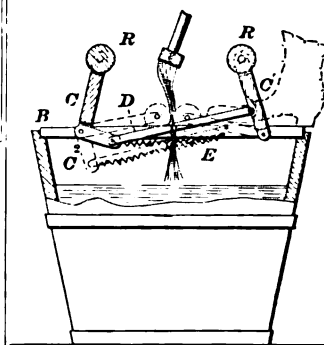
75674—A. R. Gleason—*Grain Platform for Harcesters.*



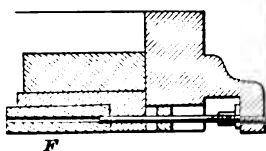
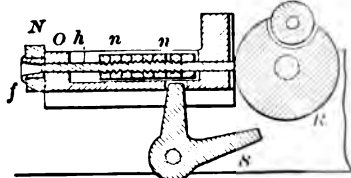
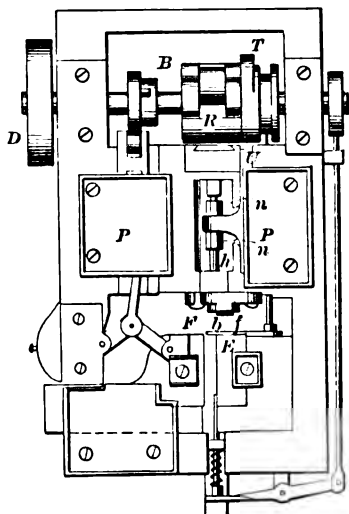
75676—W. F. Goodwin—*Mechanical Movement.*



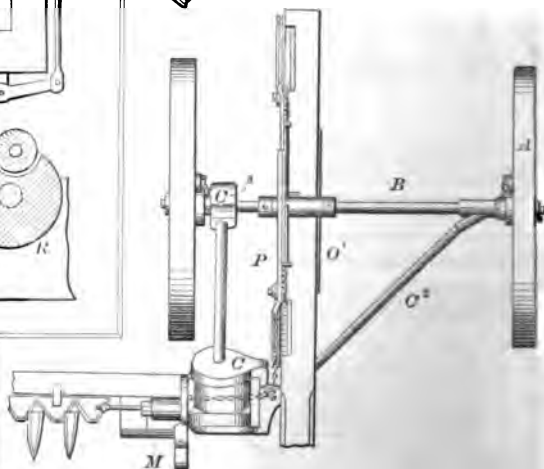
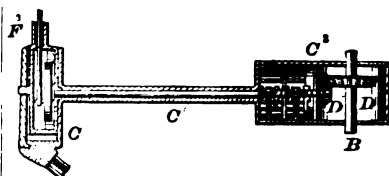
75679—J. H. Gridley—*Mop Wringer.*



75675—A. B. Glover—*For Heading Bolts.*



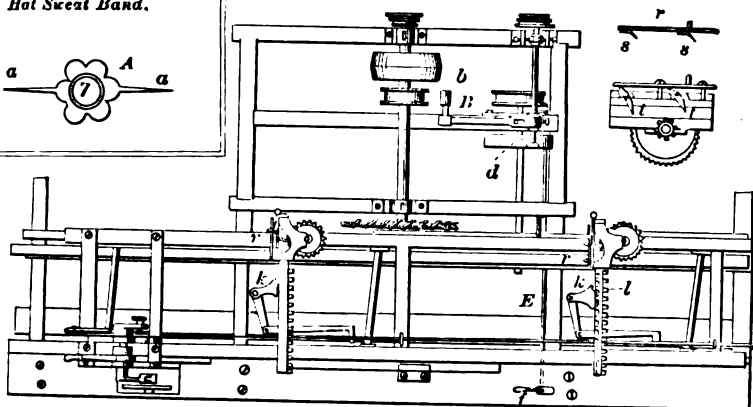
75677—Goodwin & Smith—*Harcester.*



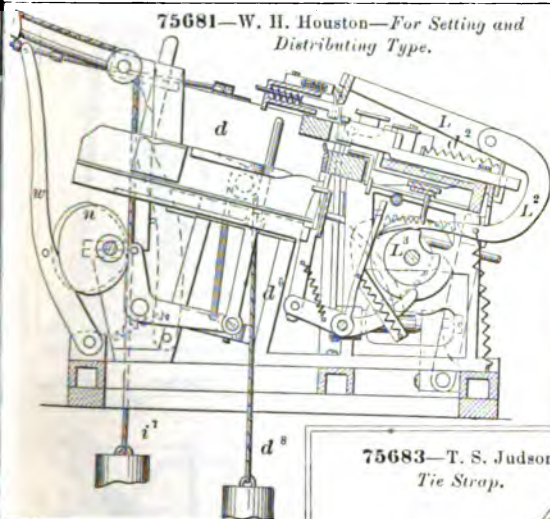
75685—Lawrence & Murfey—
Hot Sweat Band.



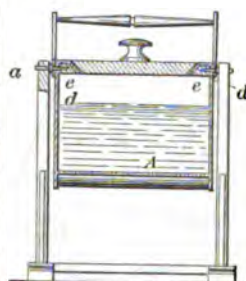
75678—H. H. Gridley—Saw Mill.



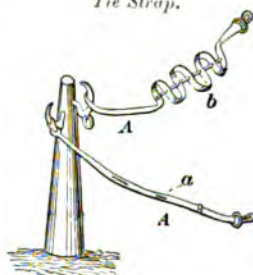
75681—W. H. Houston—For Setting and
Distributing Type.



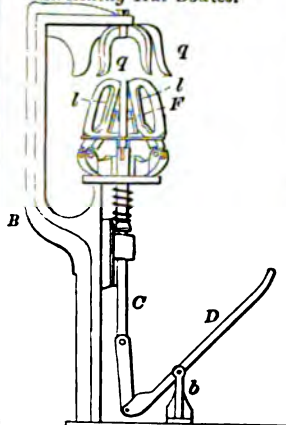
75680—F. W. Heins—
Washing Machine.



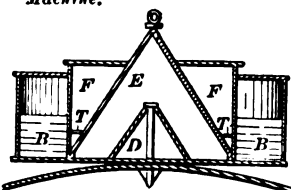
75683—T. S. Judson—
Tie Strap.



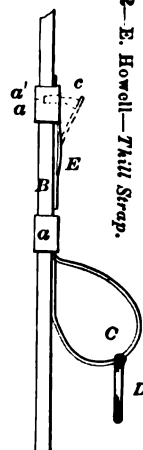
75684—P. Kesser—For
Stretching Hat Bodies.



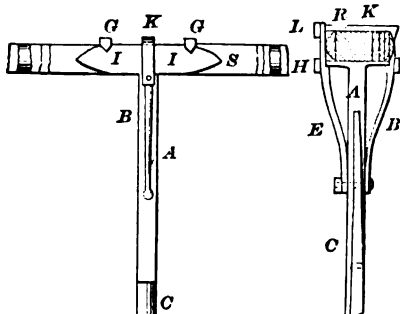
75687—A. Mackey—Centrifugal
Machine.



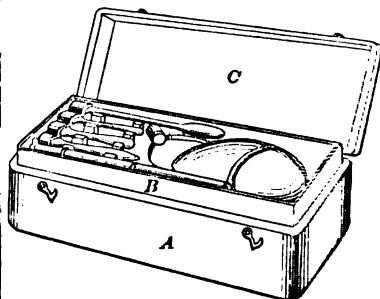
75682—E. Howell—Thill Strap.



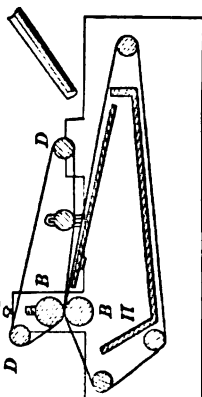
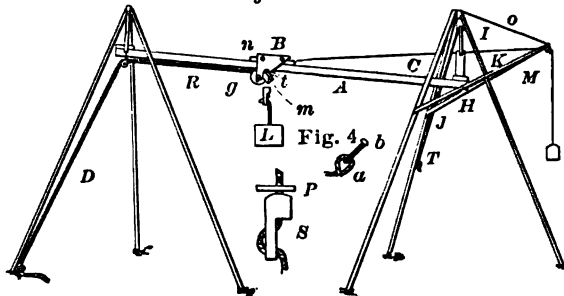
75688—D. A. Mathews—Carriage Perch Connection.



75689—M. Mattson—Syringe Case.

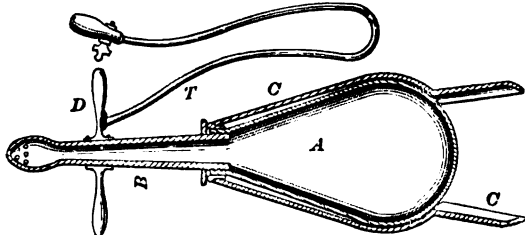


75686—W. Louden—Hay Elevator.

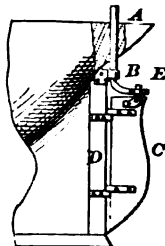


75691—S. T. Merrill—Bleaching Paper Stock.

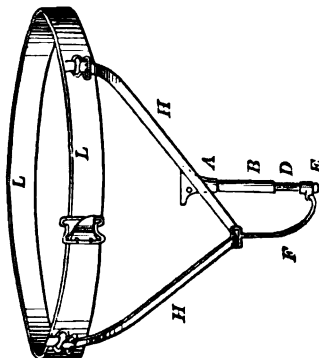
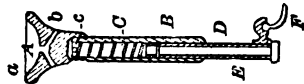
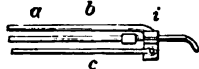
75693—J. A. Morrell—Vaginal Syringe.



75696—T. W. Murrey—Rudder.

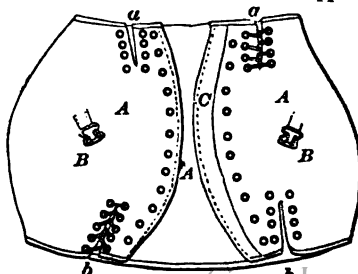


75692—Minor & Frost—Umbrella.

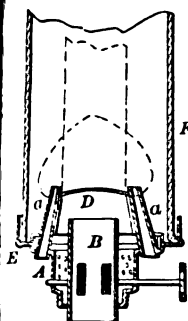


75694—J. A. Morrell—Uterine Supporter.

75695—J. A. Morrell—Abdominal Supporter.



75697—H. W. Park—Lump Burner.



75698—G. Pennoyer—Thill Coupling.

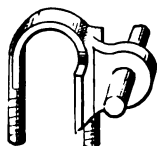


Fig. 1

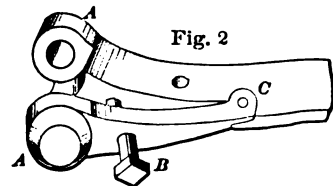
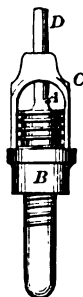
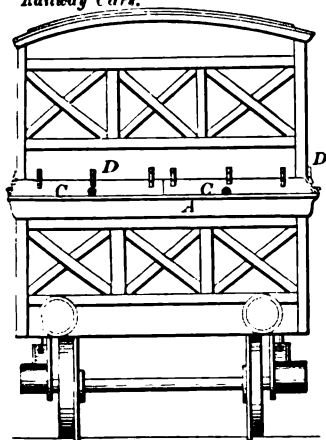


Fig. 2

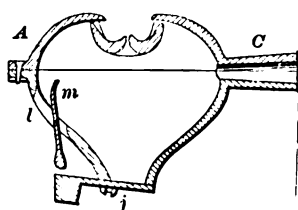
75699—F. P. Plueghar—Bit Brace.



75701—W. Reid—Supplying Cattle on Railway Cars.



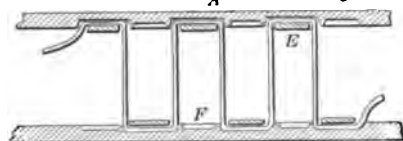
75703—J. W. Rogers—Tuyere.



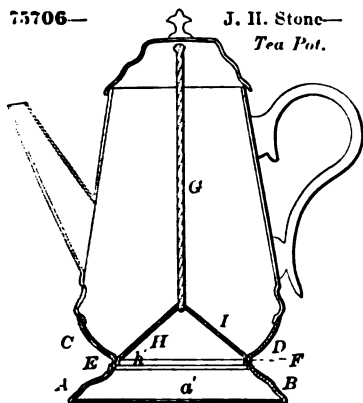
75705—J. L. Sheppard—Cotton Bate Fie.



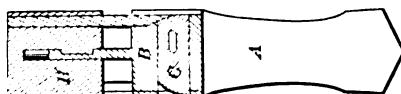
75704—E. Schmeltz—Belt Fastening.



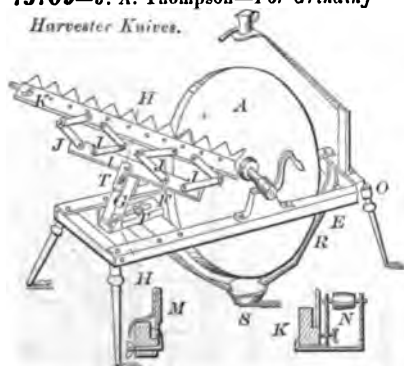
75706—J. H. Stone—Tea Pot.



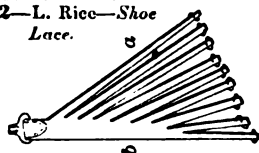
75708—H. M. Stow—Well Drill.

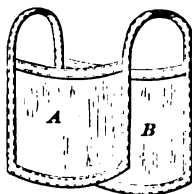
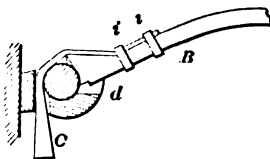
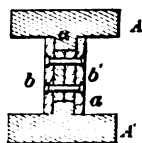
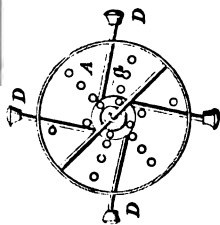
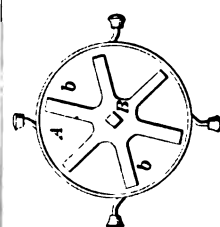
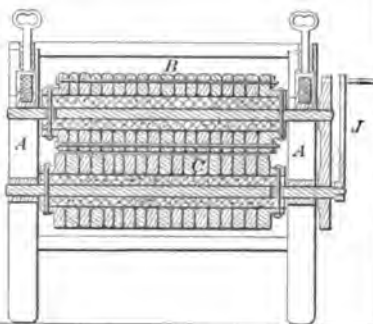
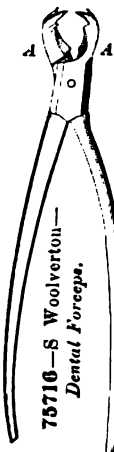
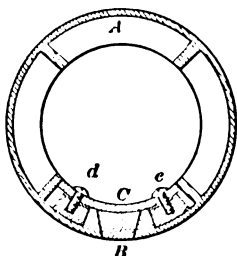
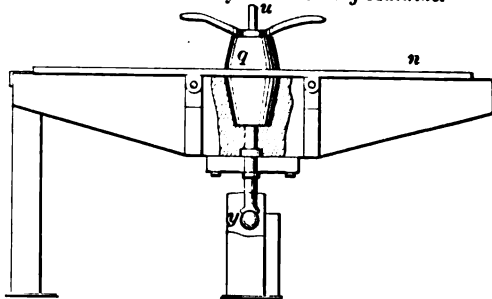
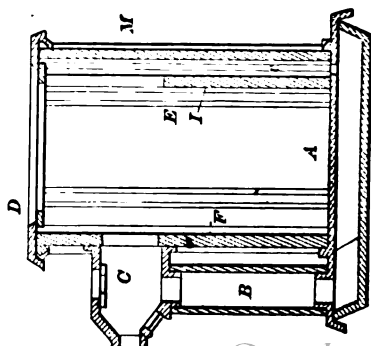
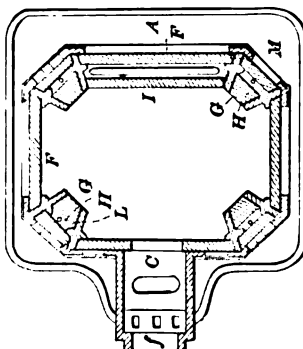


75709—J. A. Thompson—For Grinding Harvester Knives.

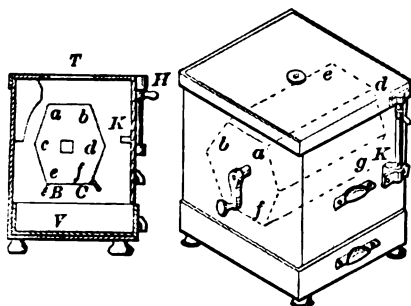


75702—L. Rice—Shoe Lace.

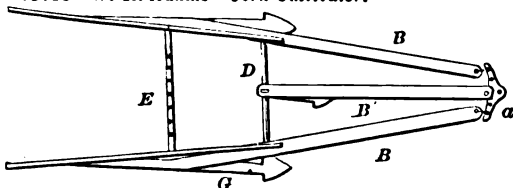


75710—J. W. Torry—*Body Protector.*75711—J. P. Tyson—*Carriage Thill.*75712—Walters & Shafer—*Beam Fagot.*75707—W. M. Storm—*Clothes Wringer.*75717—W. R. Worden—*Sprinkler.*75716—S. Woolverton—*Dental Forceps.*75712—J. Wheelock—*Piston.*75713—R. B. Whentley—*Tire Setting Machine.*75715—C. Williams—*Coal Store.*

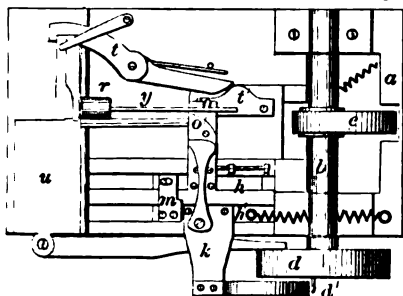
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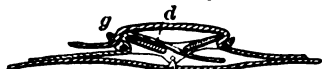
75718—W. R. Adams—Corn Cultivator.



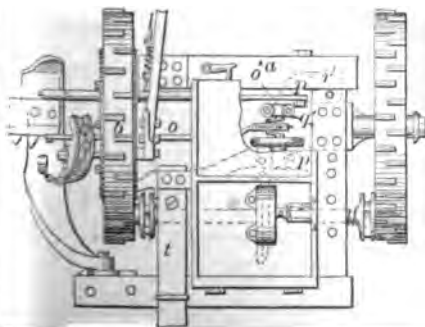
75724—H. D. Blake—For Making Butt Hinges.



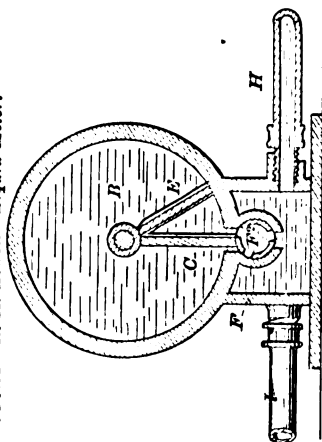
75722—W. Babin—Buckle.



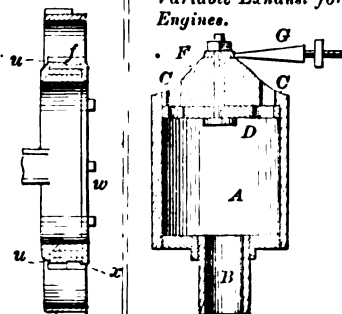
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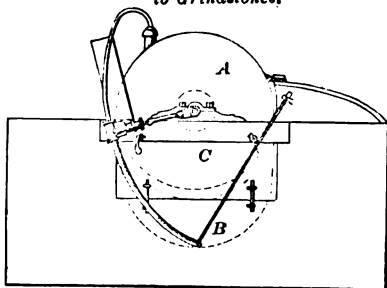
75721—R. H. Atwell—Liquid Meter.



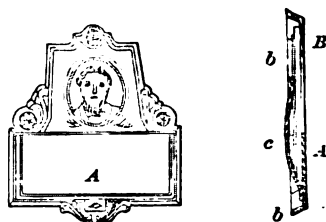
75723—J. H. Baker—Variable Exhaust for Engines.



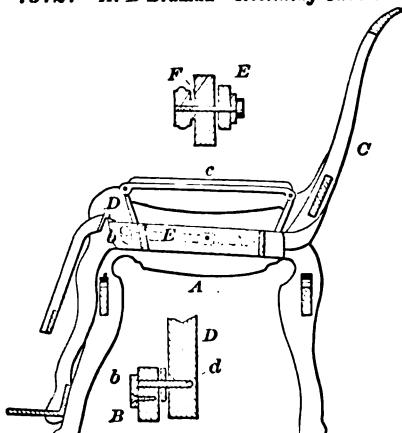
75725—F. Blauss—For Supplying Water to Grindstones.



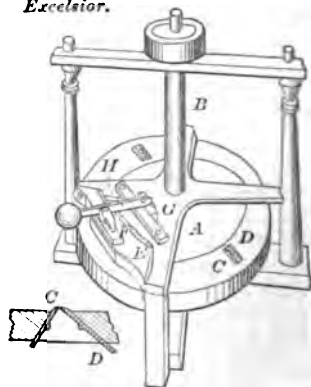
75726—G. Brabrook—Name Plate.



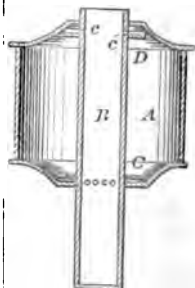
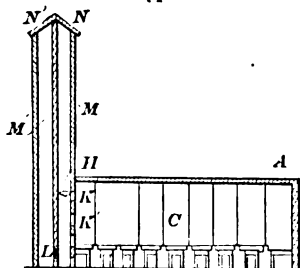
75727—H. B. Brawan—Reclining Chair.



75728—Brooks & Clement—For Making Excelsior.



75730—S. H. Clapp—Brick Kiln.

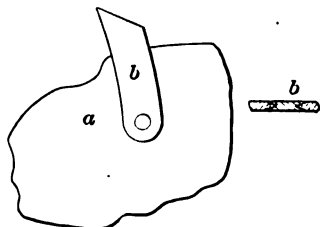


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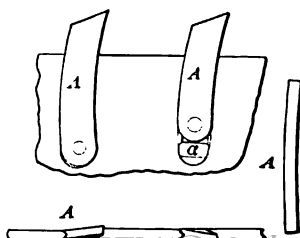


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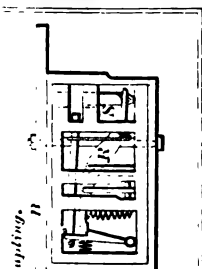
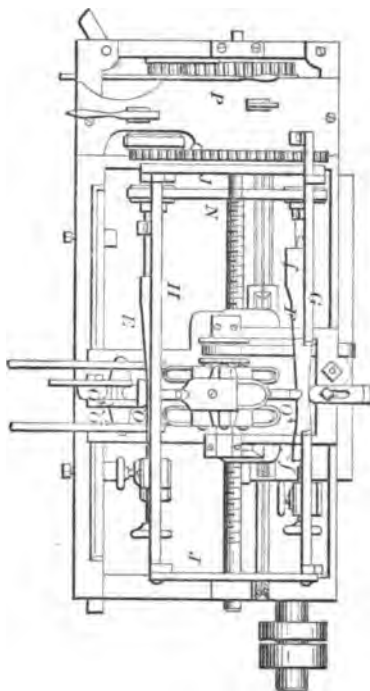
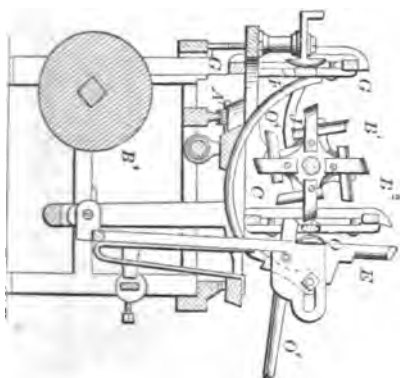
75734—W. Clemson—Saw.



75733—W. Clemson—Saw

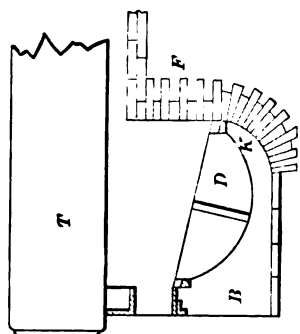


75736—M. F. Connett—Wood Turning Lathe.

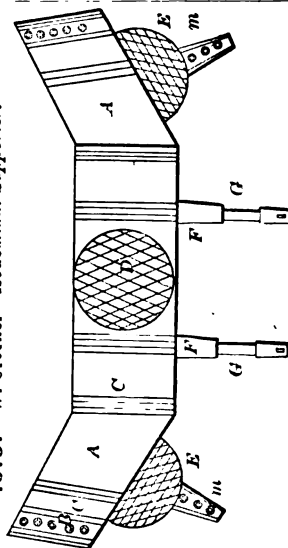


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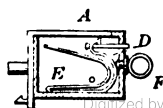
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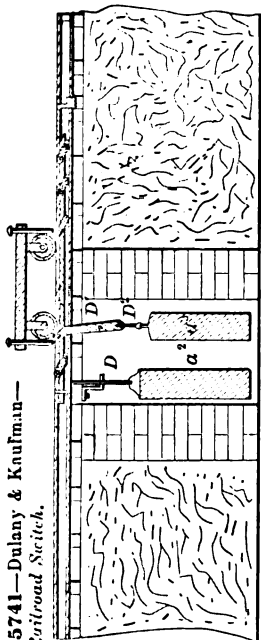
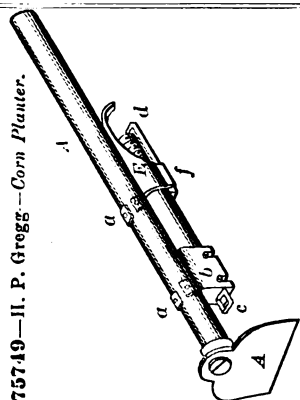
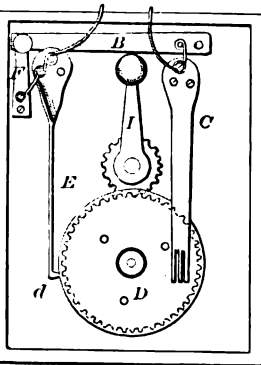
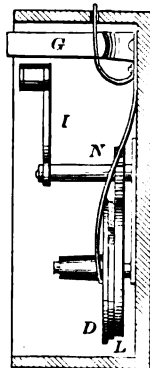
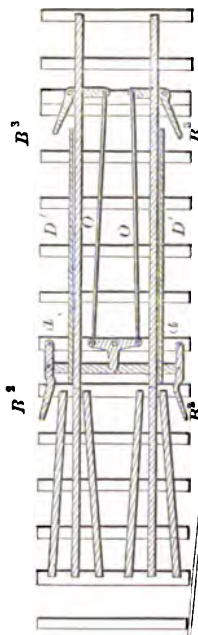
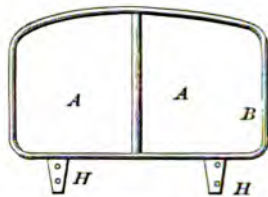
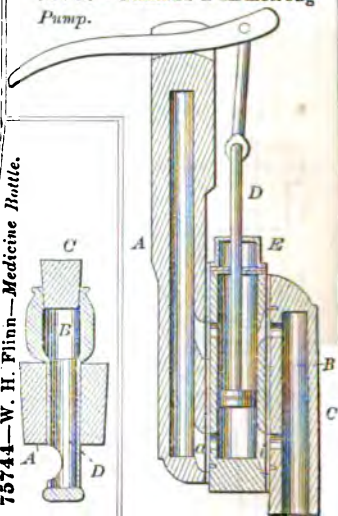
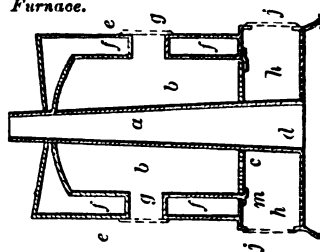
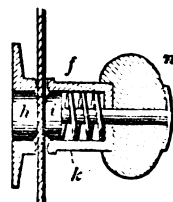


75737—W. Crocker—Abdominal Supporter.

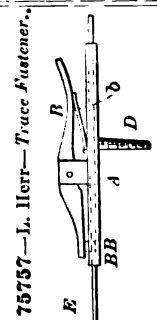
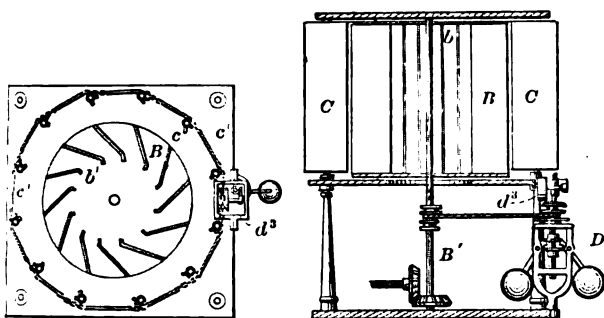


75740—R. H. Dilley—Watch Key.

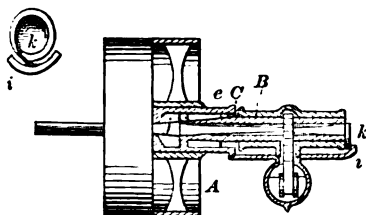


75741—Dulany & Knuffman—
Railroad Switch.75743—L. B. Firman—*Electric Commutator.*75749—H. P. Gregg—*Corn Planter.*75745—W. H. Fliinn—*Medicine Bottle.*75746—Franklin & Smith—
Carriage Dash Board.75747—Gilliland & Armstrong
Pump.75744—W. H. Fliinn—*Medicine Bottle.*75748—W. C. Googins—*Store and
Furnace.*75751—H. C. Griffin—*Billiard
Cue.*75750—W. D. Gridley—
Curtain Ficture

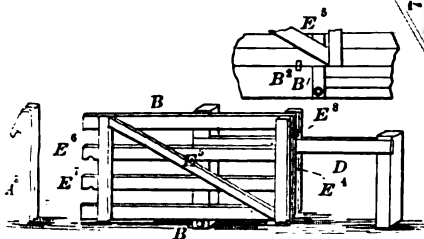
75752—E. J. Hall—Wind Wheel.



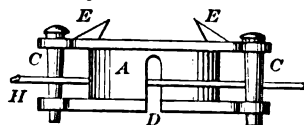
75753—W. Hamilton—For Oiling Pulleys.



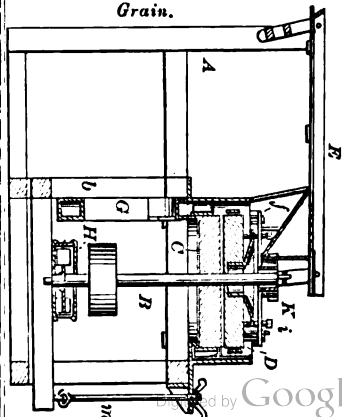
75756—H. A. Henderson—Farm Gate.



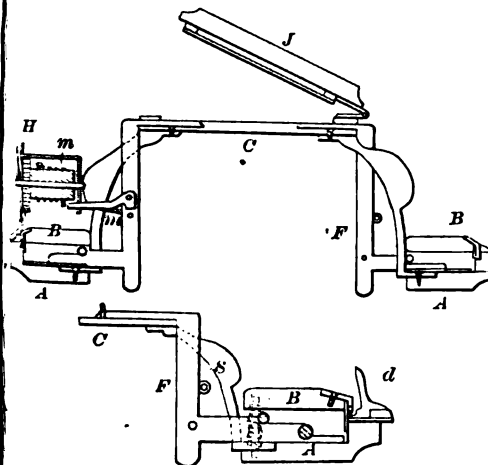
75750—S. B. Hewett, Jr.—Wire Fence Key.



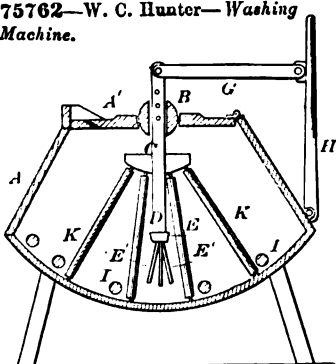
75761—A. Hubbell—For Hulling Grain.



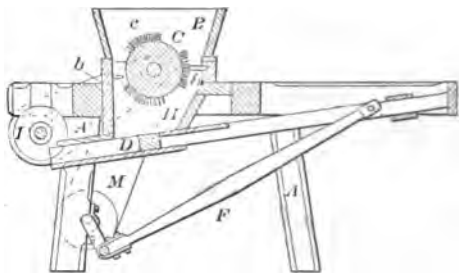
75760—B. Hogan—Hat Conformer.



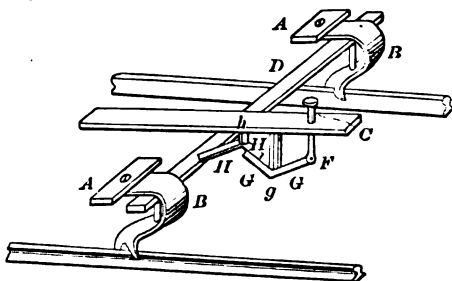
75762—W. C. Hunter—Washing Machine.



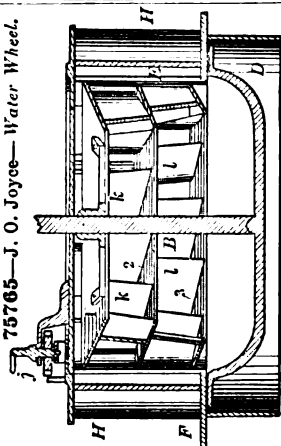
75763—C. W. Englis—For Preparing Peat.



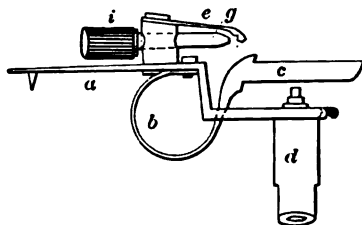
75764—J. W. A. Jones—Street Railway Scraper.



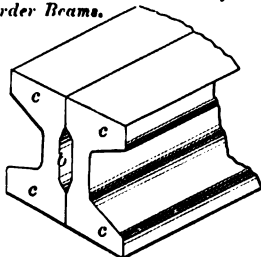
75765—J. O. Joyce—Water Wheel.



75771—C. Knisely—Burglar Alarm.



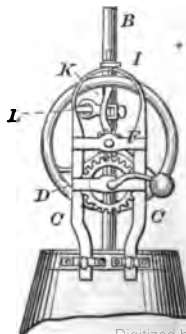
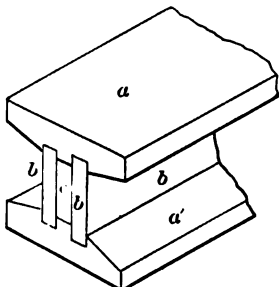
75770—A. Kloman—Pile for Girder Beams.



75768—N. Kirchner—For Fastening Shoes.



75769—A. Kloman—Pile for Girder Irons.

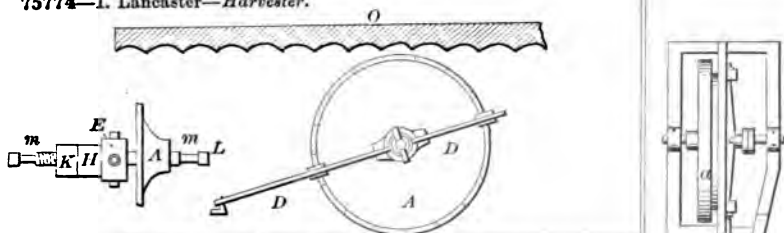


75772—W. Lamb—Claw.

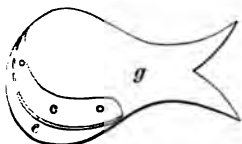


75767—E. W. Keyes—Torpedo Toy Gun.

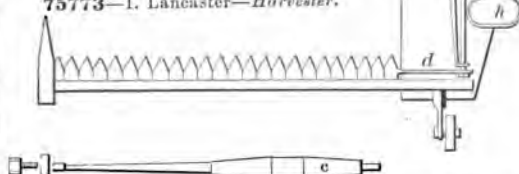
75774—I. Lancaster—Harvester.



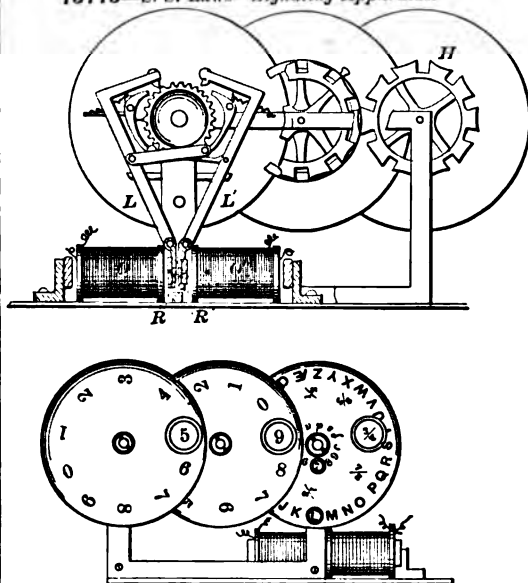
75779—G. I. Mason—
Heel Seat.



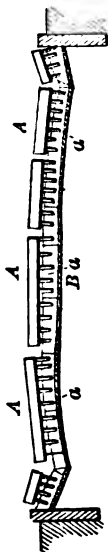
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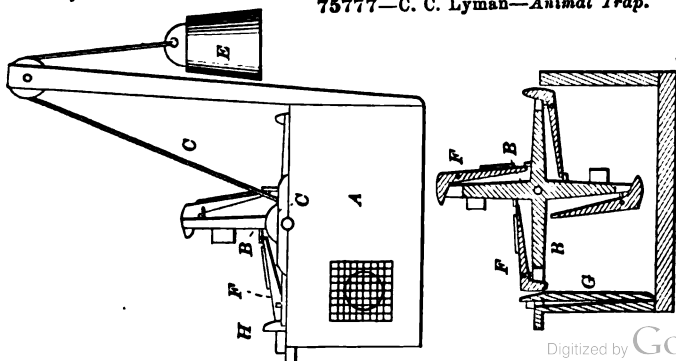
75775—S. S. Laws—Signaling Apparatus.



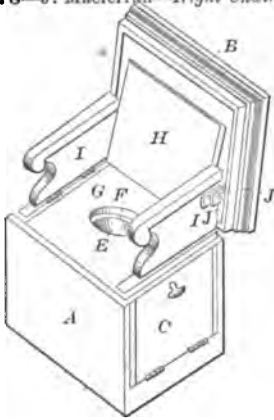
75780—H. McDougall—Wooden Pavement.



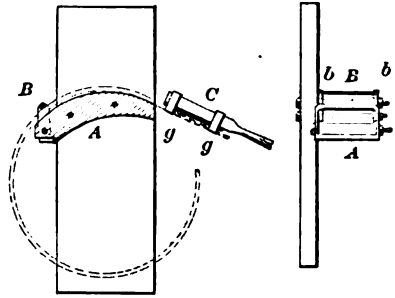
75777—C. C. Lyman—Animal Trap.



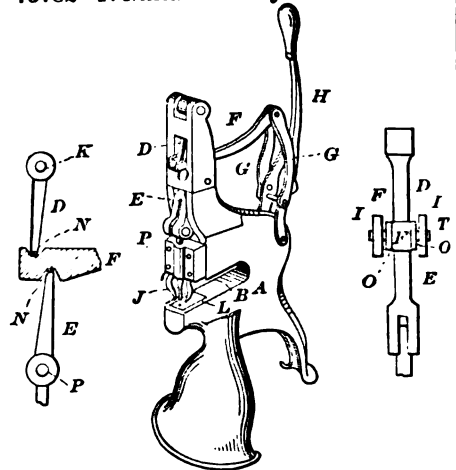
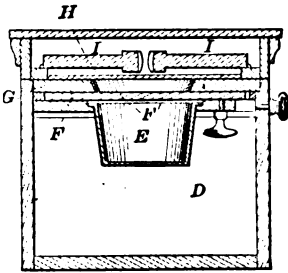
75778—J. Macferran—Night Chair.



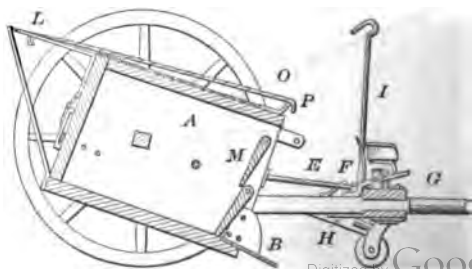
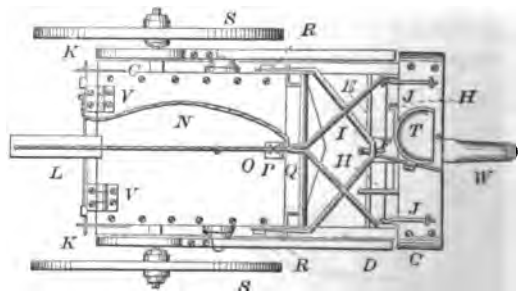
75781—J. Naylor—For Bending Tires.



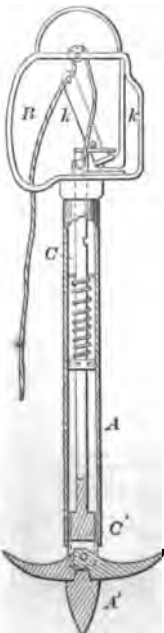
75782—F. Nelson—Punching Machine.



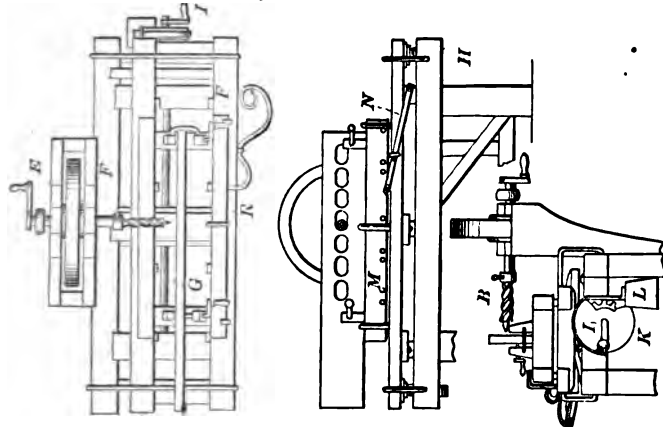
75783—W. T. Nichols—Excavator.



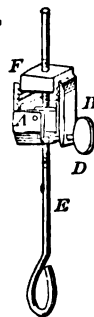
75780—O. Paddock—Horse Hay Fork.



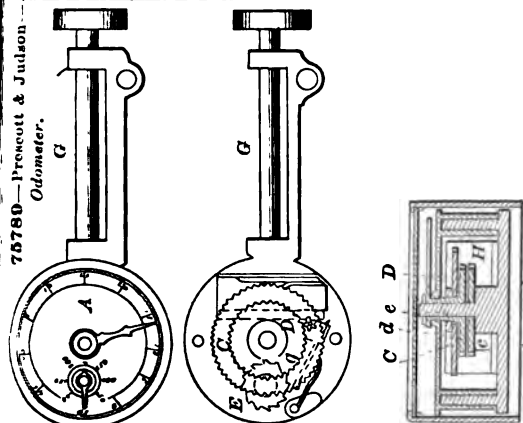
75785—J. Null—Wood Boring Machine.



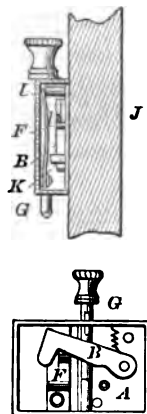
75784—B. S. Norris—Root Crimping Screw.



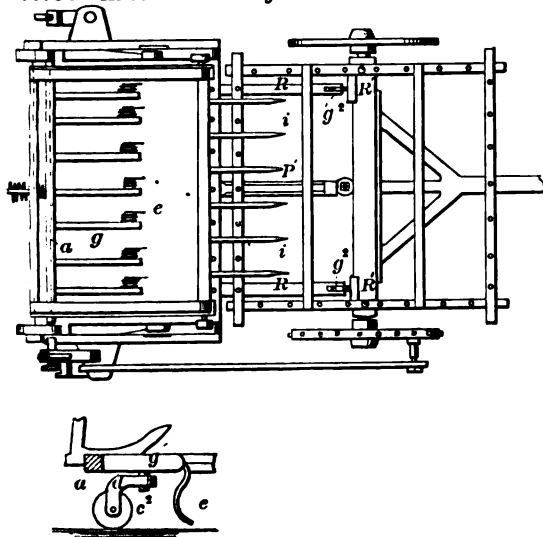
75780—Prescott & Judson—Odometer.



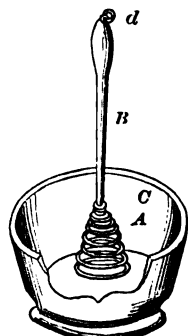
75788—Pipo & Walbaum—Shutter Fastening.

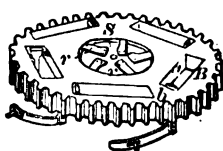
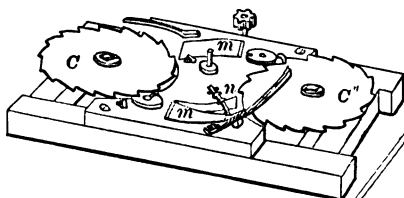
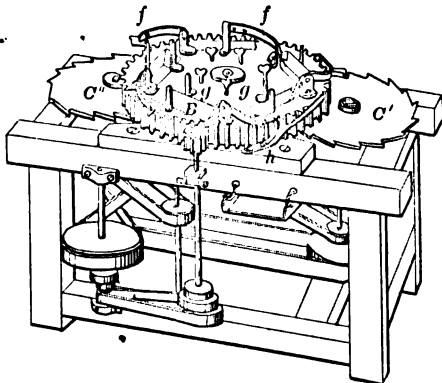
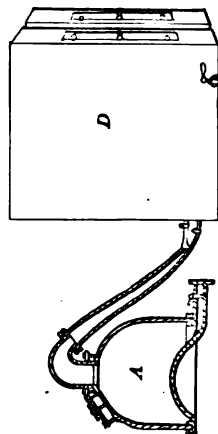
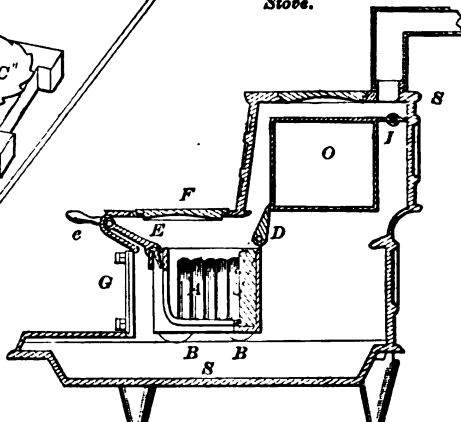
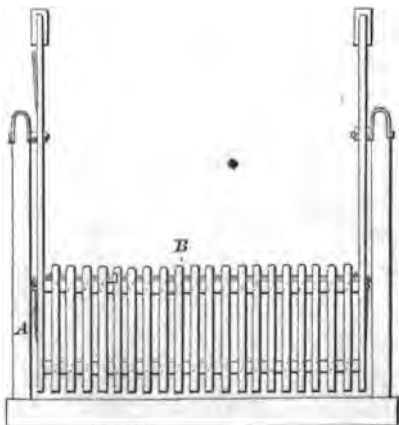
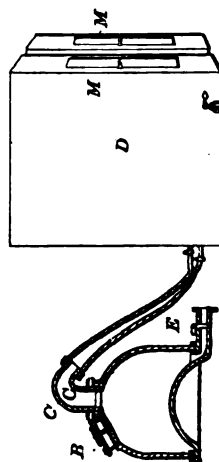


75790—A. J. Preston—Hay Raker and Loader.

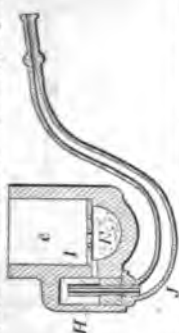


75787—W. H. Peirce—Egg Beater.

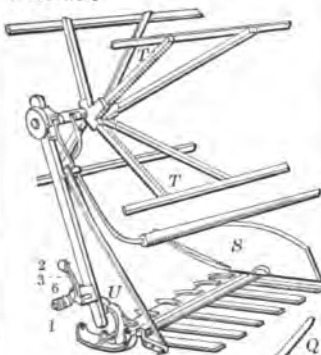


75793—A. G. Ritz—*Shingle Machine.*75794—L. S. Robbins—*Preserving Animal Skins.*75791—L. T. Pyott—*Cooking Stove.*75792—W. W. Riley—*Gate.*75795—L. S. Robbins—*Oiling Leather.*

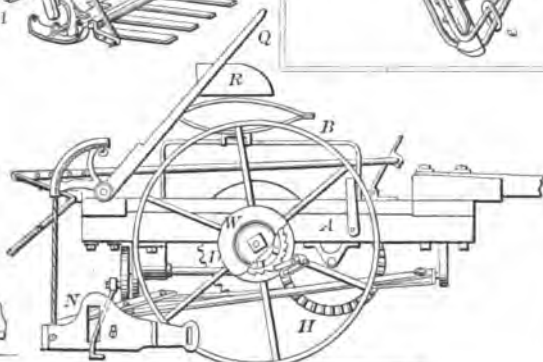
75799—F. Saunders—Smoking Pipe.



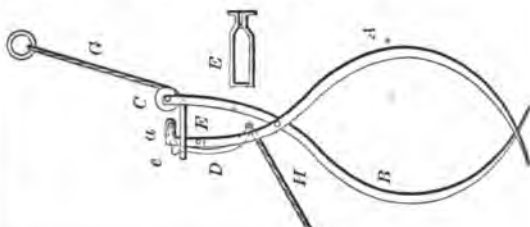
75797—Russell & Miller—Harvester.



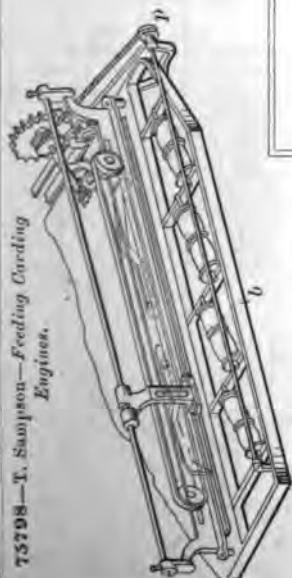
75796—W. A. Robinson—Mop Head.



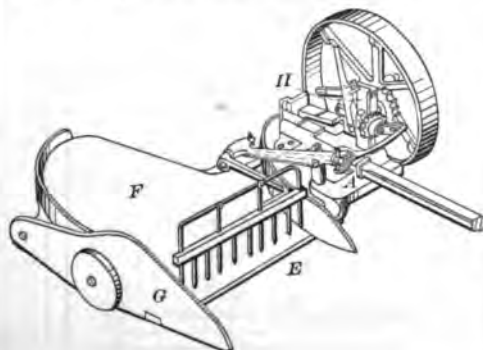
75800—W. Scholl—Horse Hay Fork.



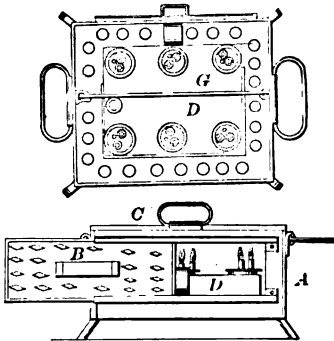
75798—T. Sampson—Feeding Carding Engine.



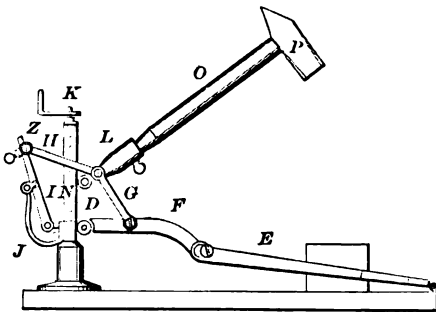
75801—Seymour & Palmer—Harvester Rake.



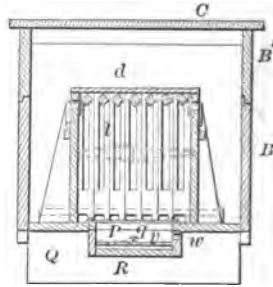
75802—E. Small—*Heater, Lamp and Foot Warmer.*



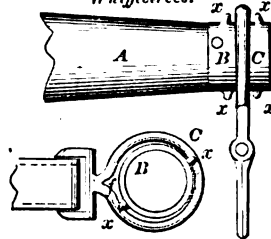
75808—A. Strube—*Power Hammer.*



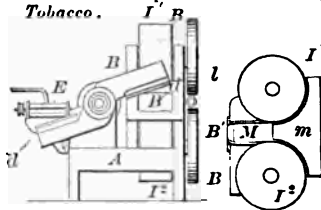
75804—M. S. Snow—*Beehive.*



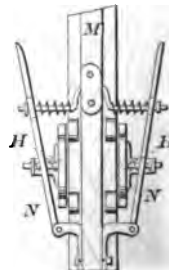
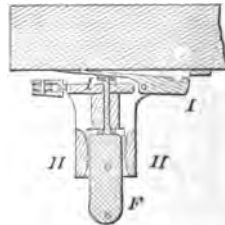
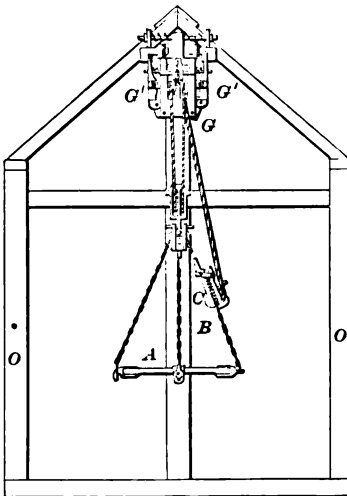
75803—S. Smith—*Attaching Traces to Whiffletrees.*



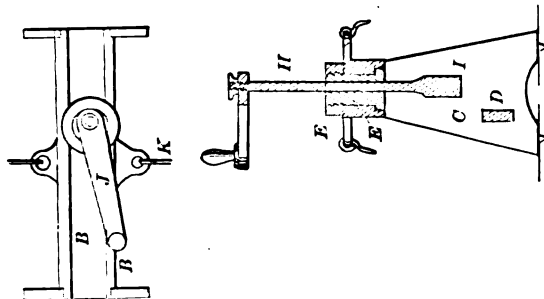
75805—L. W. Spencer—*For Cutting Tobacco.*



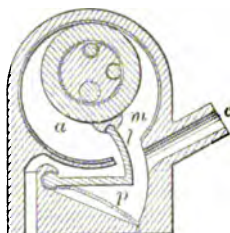
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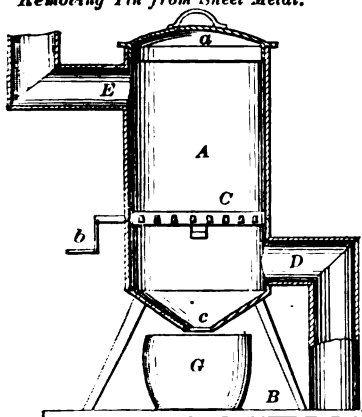
75813—J. B. Thorp—Wood Boring Machine.



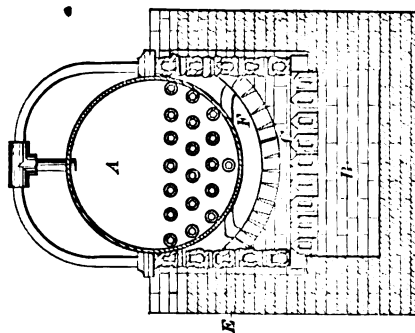
75811—J. A. Talpey—Rotary Pump.



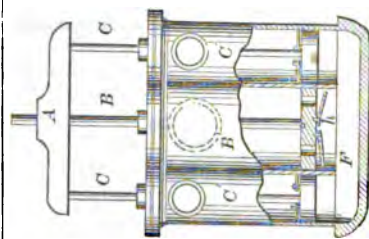
75809—Sturdevant & Harmon—Removing Tin from Sheet Metal.



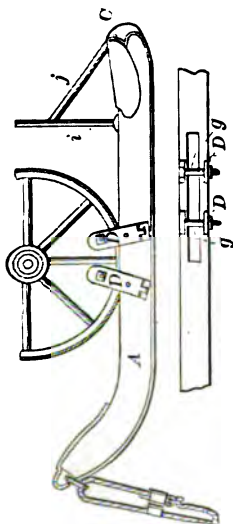
75817—R. L. Walker—Steam Boiler Furnace.



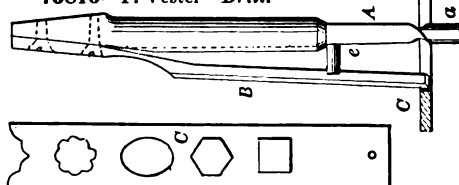
75819—S. White—Pump.



75812—B. Thompson—Runner for Wheeled Vehicle.



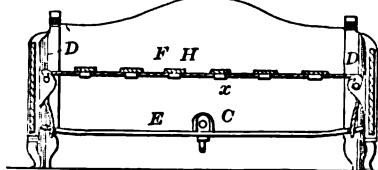
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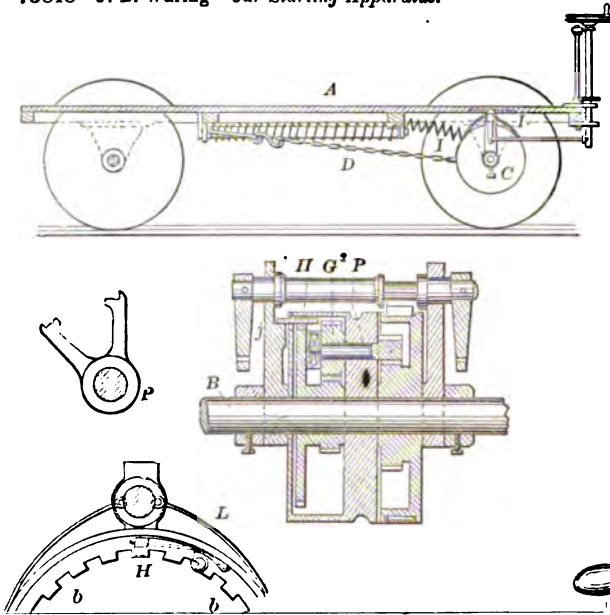
75814—H. Turner—Spring Chain.



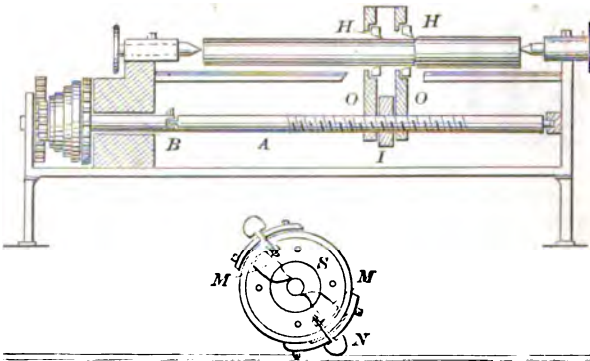
75820—J. D. Wilkinson—Bed Bottom.



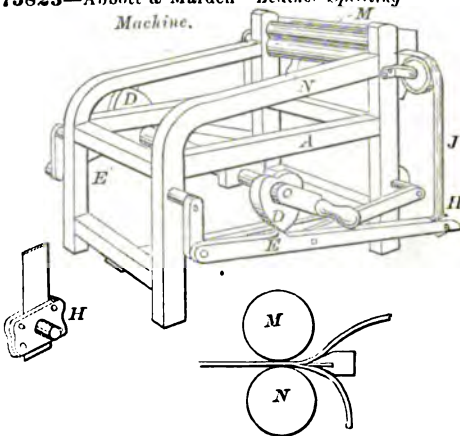
75818—J. B. Waring—Car Starting Apparatus.



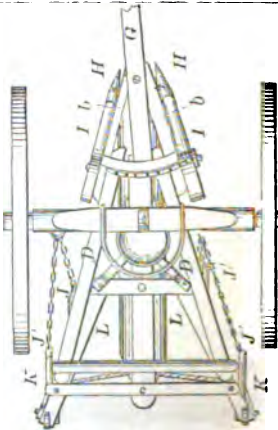
75822—F. Zibell—Turning Lathe.



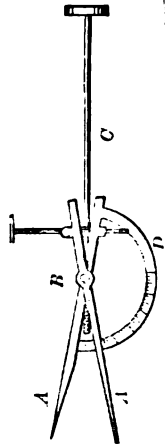
75823—Abbott & Marden—Leather Splitting Machine.



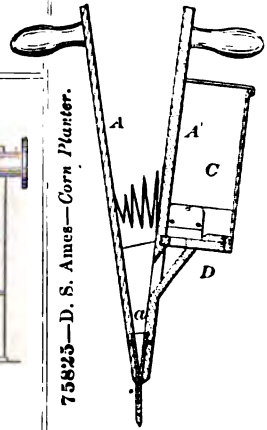
75826—B. Anyan—Cultivator.



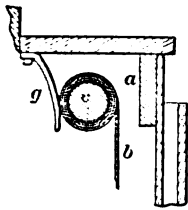
75824—Achels & Poppenhusen—For Measuring Distances.



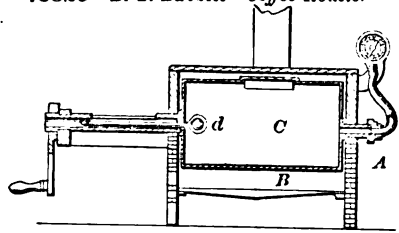
75825—D. S. Ames—Corn Planter.



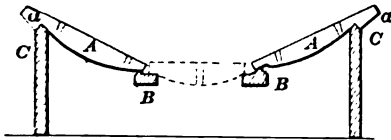
75821—A. Young—Curtain Fixture.



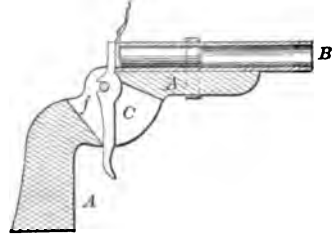
75829—B. T. Babbitt—Coffee Roaster.



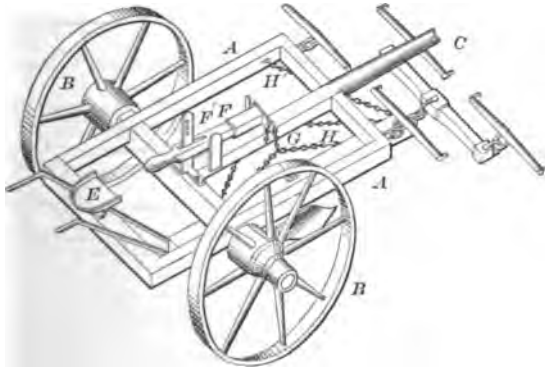
75830—J. L. Babbitt—Gate.



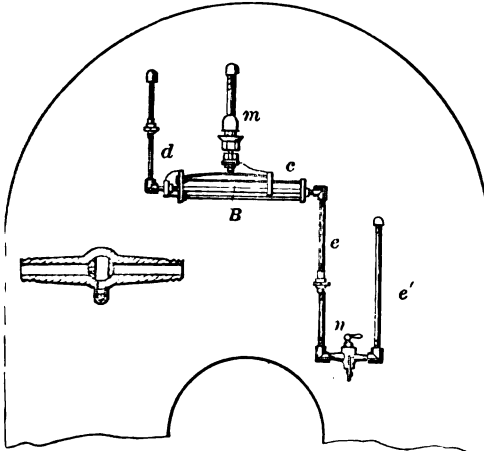
75831—J. W. Bailey—Toy Pistol.



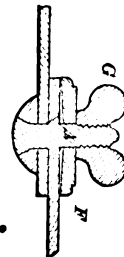
75832—C. N. Bakewell—Sulky Plow and Harrow.



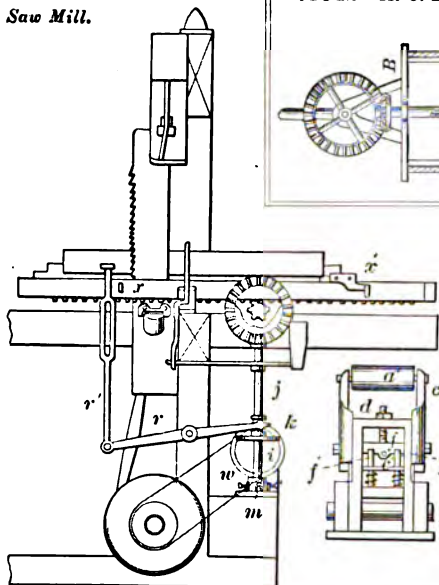
75833—T. C. Banks—Boiler Alarm Gauge.



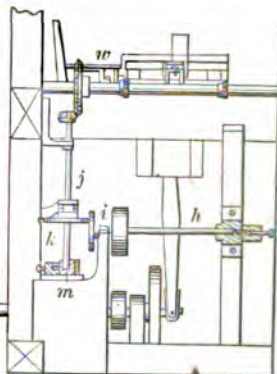
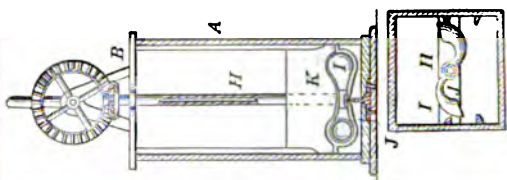
75827—J. Atkins—Culipern.



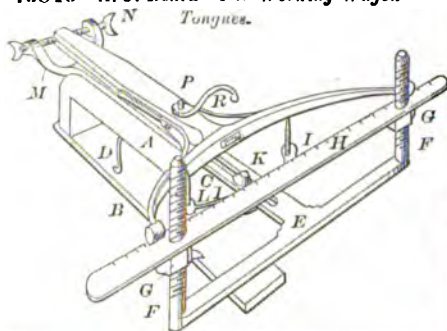
75834—A. P. Barlow—*Saw Mill.*



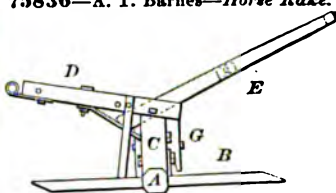
75842—H. C. Bell—*Churn.*



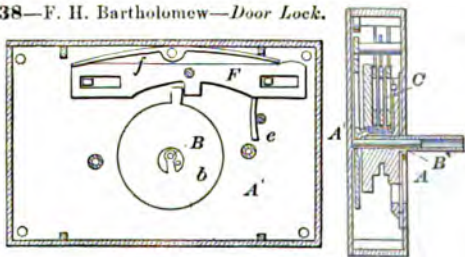
75840—A. J. Beach—*For Working Wagon Tongues.*



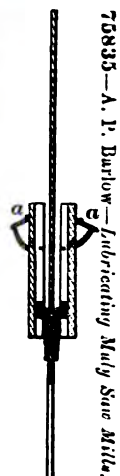
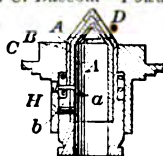
75836—A. T. Barnes—*Horse Rake.*



75838—F. H. Bartholomew—*Door Lock.*

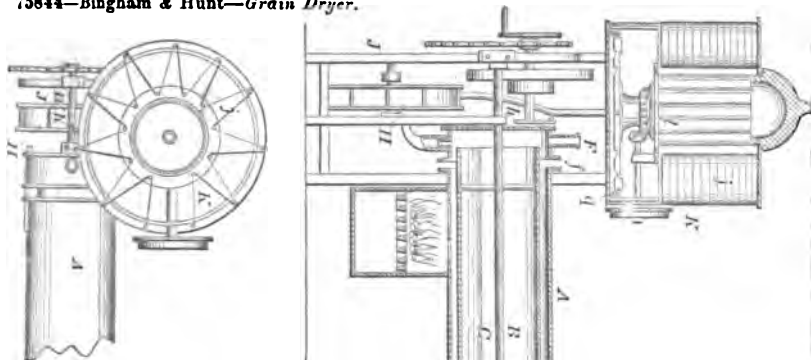


75839—H. C. Bascom—*Powder Flask Charger.*

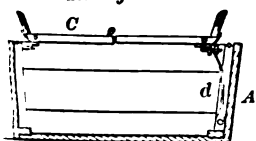


75835—A. P. Barlow—*Lubricating Mule Saw Mills.*

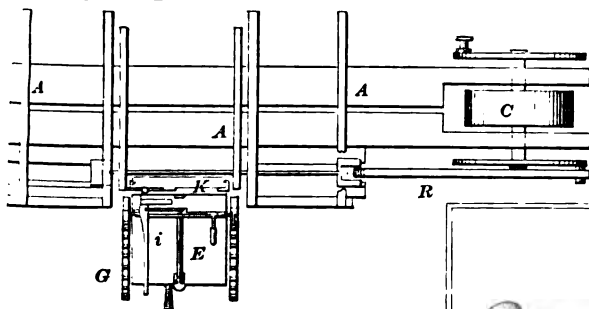
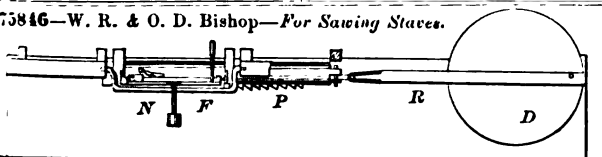
75844—Bingham & Hunt—Grain Dryer.



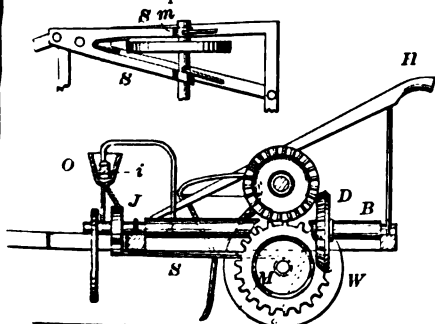
75841—S. N. Beecher—Carriage.
Sliding Seat.



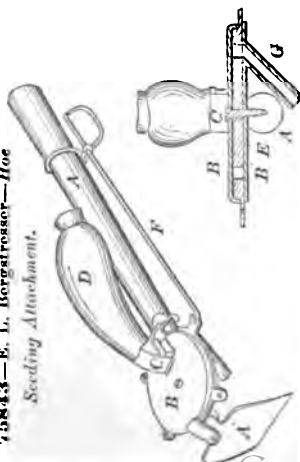
75846—W. R. & O. D. Bishop—For Sawing Staves.



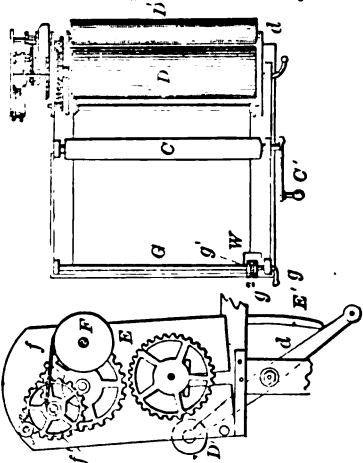
75845—L. Bishop—Cultivator and Seeder.



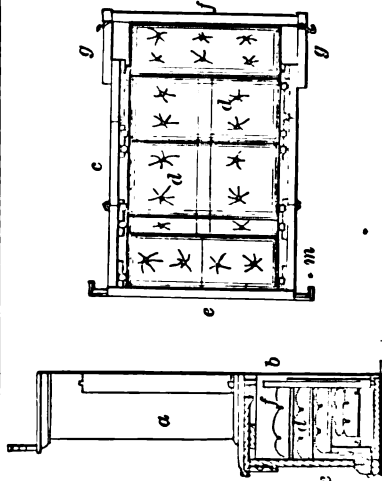
75843—E. L. Borgestrosser—Hoe
Seeding Attachment.



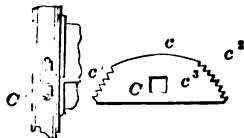
75848—W. F. Boggs—For Measuring Cloth.



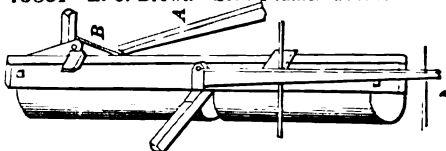
75849—C. F. Bowers—Secret Bed.



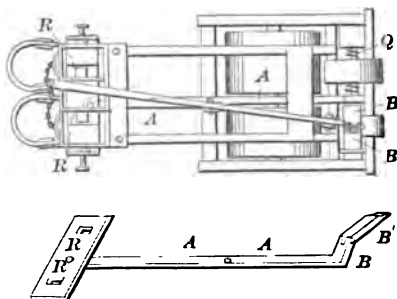
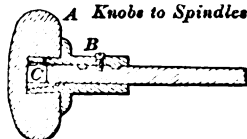
75852—R. E. Buchanan—Sash Stop.



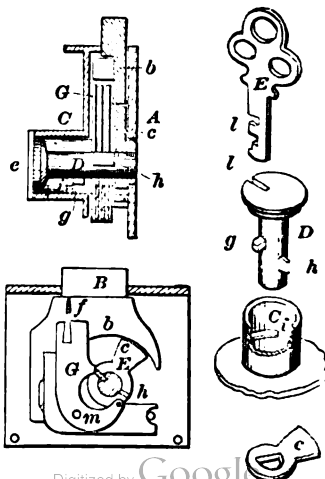
75851—E. C. Brown—Seed Planter Guide.



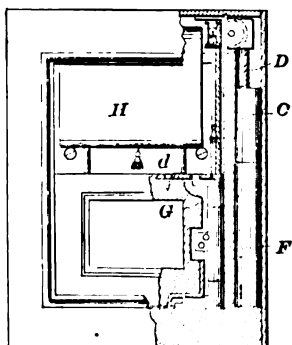
75850—E. C. Brown—Corn and Seed Planter.

75847—W. Boch—Attaching Door
A Knobs to Spindles

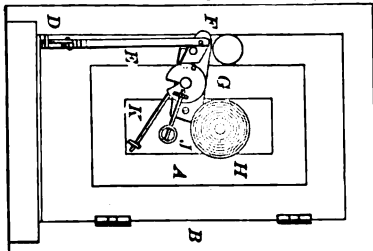
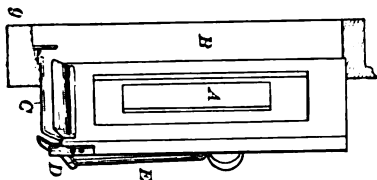
75854—A. G. Burton—Drawer Lock.



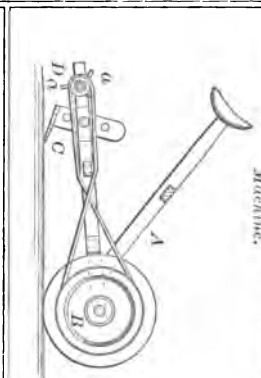
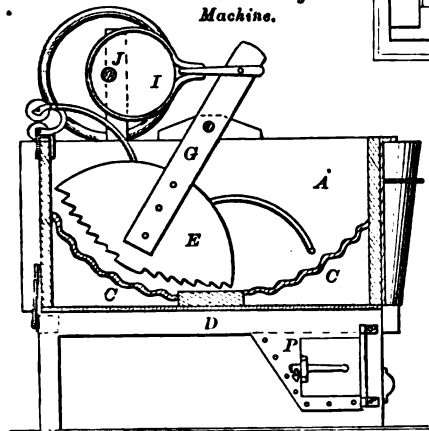
75853—T. Bullivant—Hanging Window Sashes.



75857—G. W. Carpenter—Weather Strip and Door Alarm.

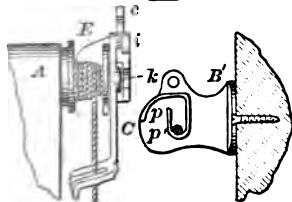
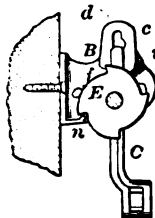


75859—J. F. Chambers—Washing Machine.

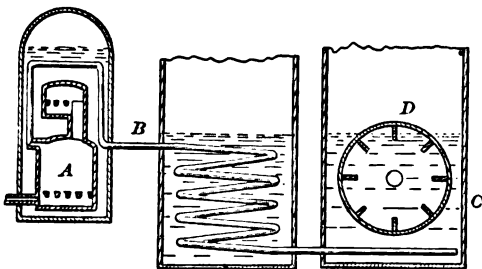


75858—N. A. C. Customs—Washing Machine.

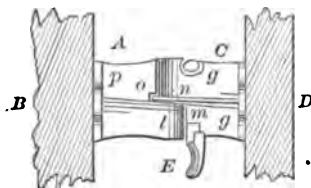
75860—J. Chase—Curtain Fixture.



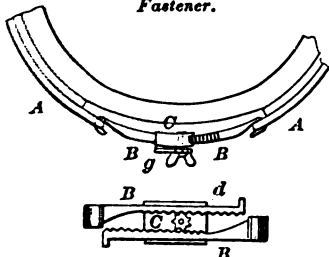
75861—W. W. Chipman—Manufacture of Whiting.



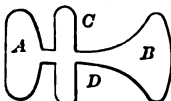
75862—C. B. Clark—Blind Hinge.



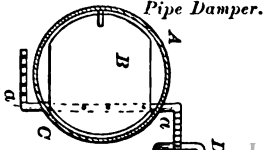
75864—E. A. Cooper—Hames Fastener.



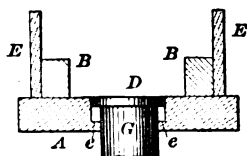
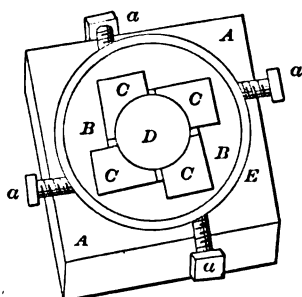
75856—W. B. Cargill—Corset Clasp.



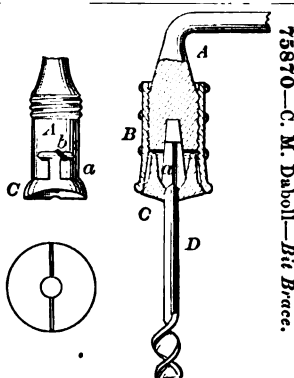
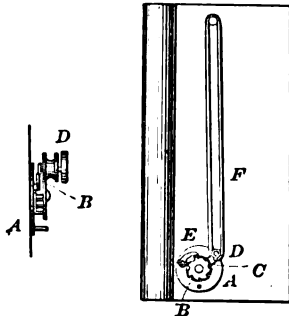
75863—A. Cotton—Store Pipe Damper.



75865—C. Corbit—Mill Step.

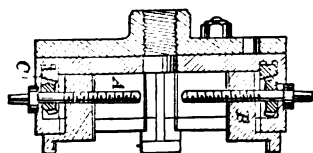


75869—T. Curley—Curtain Fixture.

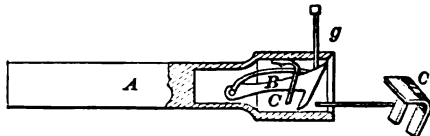


75870—C. M. Daboll—Pit Brace.

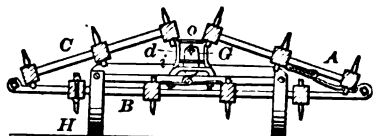
75872—F. Davison—Lathe Chuck.



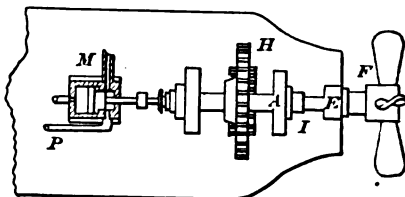
75866—S. H. Cowles—Car Coupling.



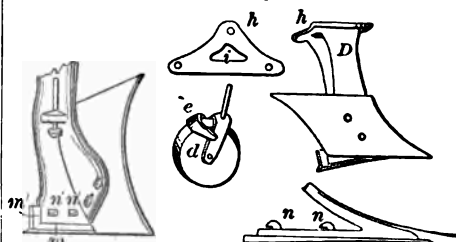
75867—I. Crum—Harrow.



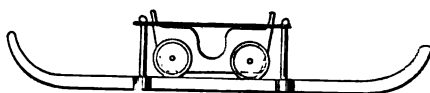
75868—J. B. Cullen—Marine Steam Governor.



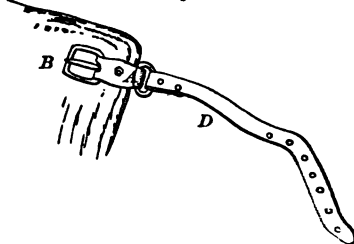
75871—G. J. Dahl—Gang Plow.



75876—B. Douglas—Toy Railroad.



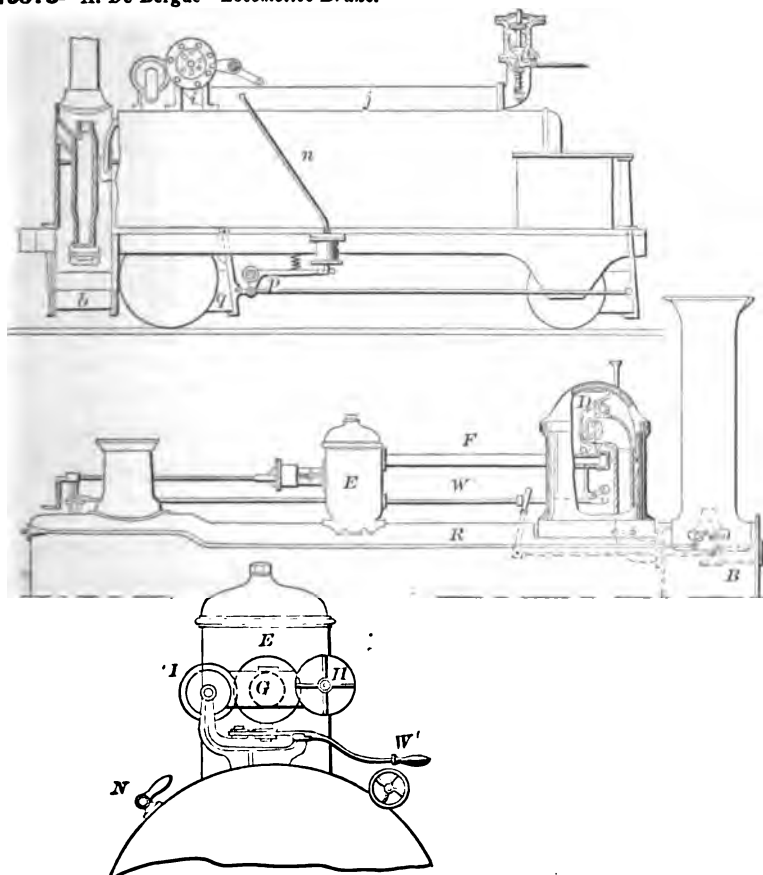
75877—F. H. Drake—Bag Fastener.



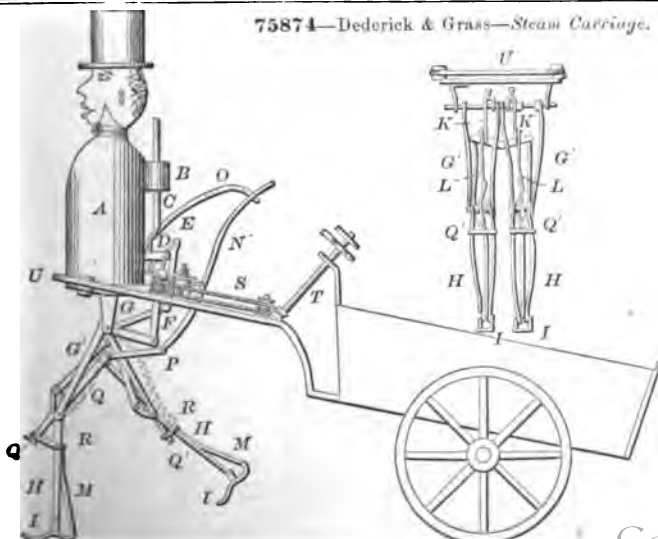
75875—J. M. Doubleday—Umbrella Frame.

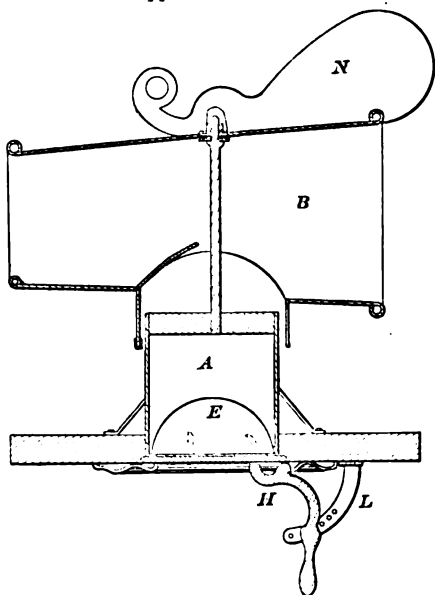
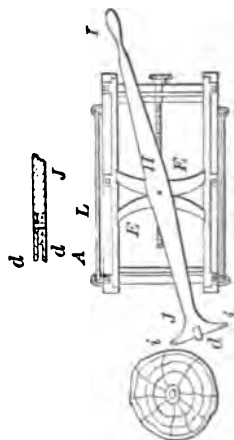
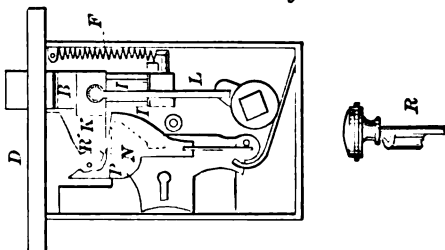
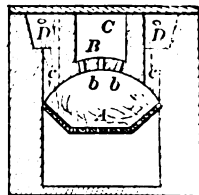
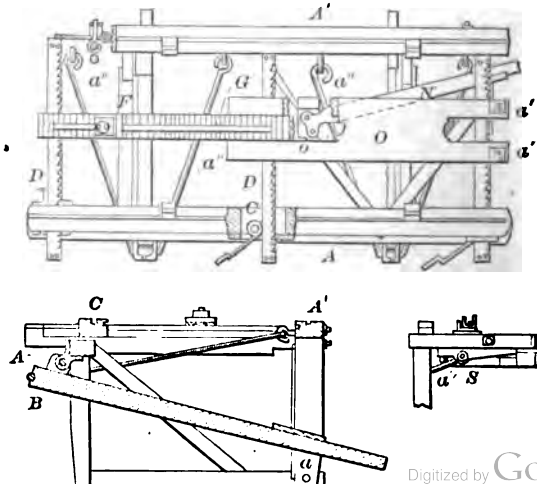


75873—A. De Bergue—Locomotive Brake.

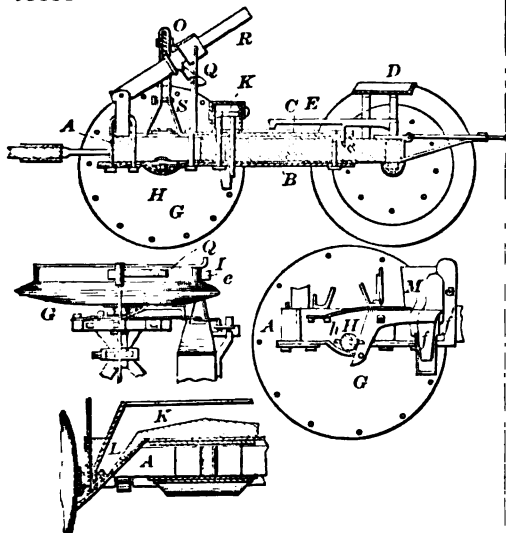


75874—Dederick & Grass—Steam Carriage.

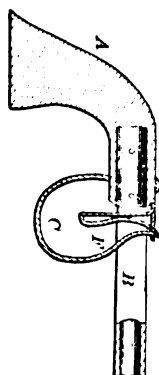


75878—I. Dripps—*Railroad Car Ventilator.*75882—A. Edwards—*For Felling Trees.*75879—S. W. Drowne—*Locking Knob Latch.*75881—Duryea & Ennis—*Furnace.*75880—E. F. Dunaway—*Door and Sash Clamp.*

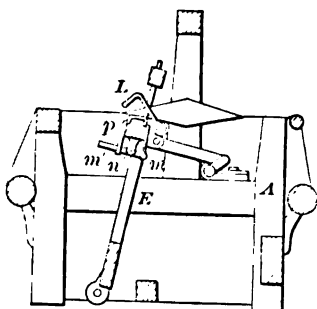
75883—R. S. Edwards—Corn Planter.



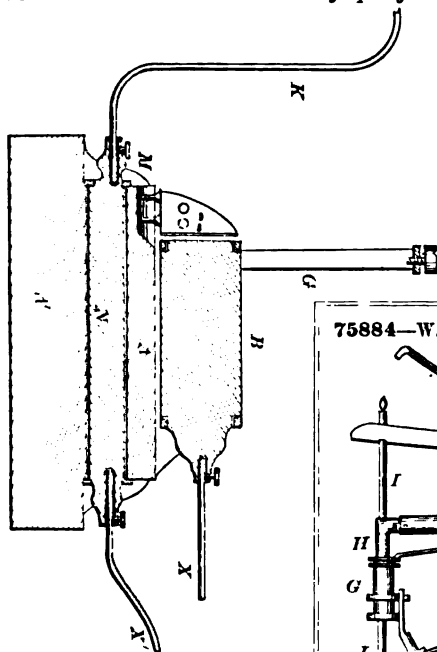
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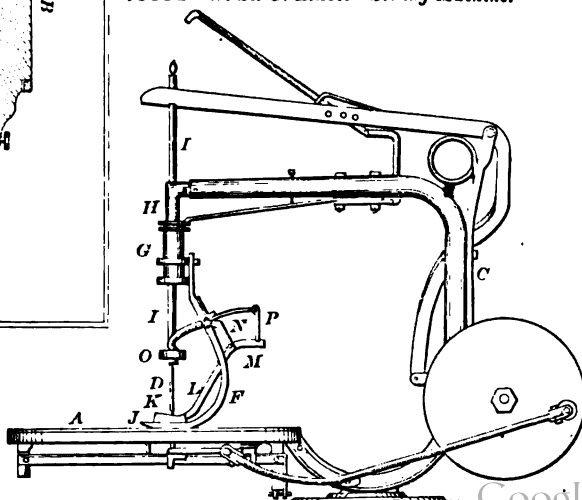
75888—J. C. Fifield—Stop Motion for Looms.



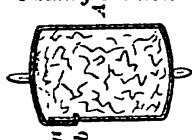
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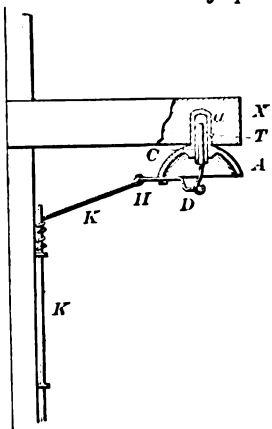
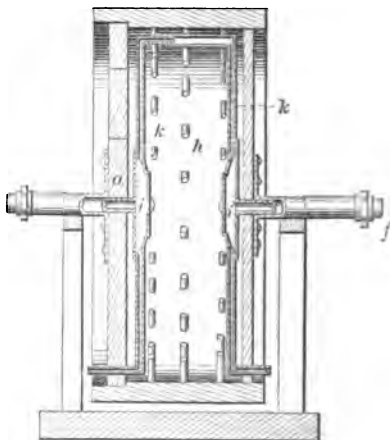
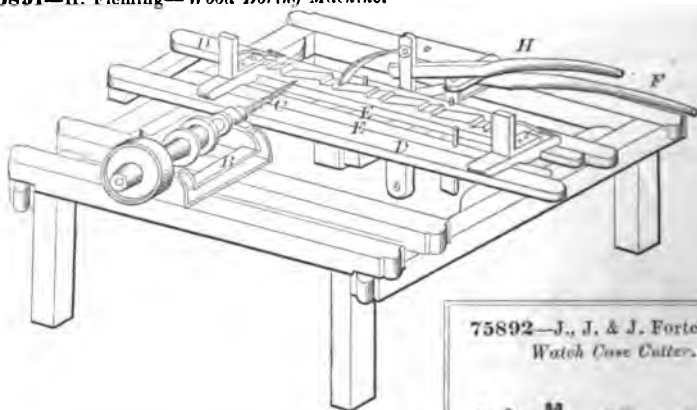
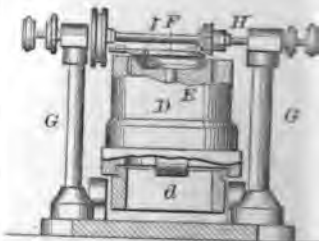
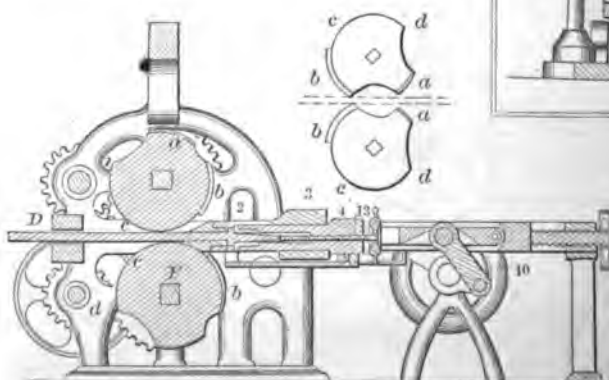


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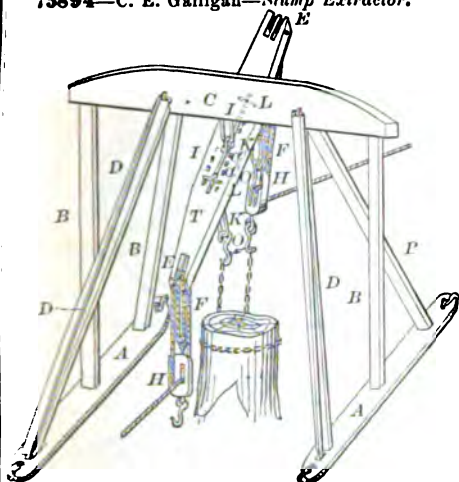


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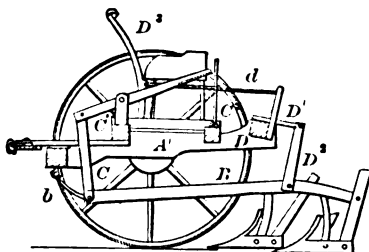


75889—J. L. Finn—Telegraph Insulator.**75890—F. Fischer—For Stuffing Leather.****75891—H. Fleming—Wood Boring Machine.****75892—J., J. & J. Fortenbach—Watch Case Cutter.****75893—B. W. Foster—For Making Carriage Axles.**

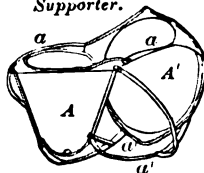
75894—C. E. Galligan—*Stump Extractor.*



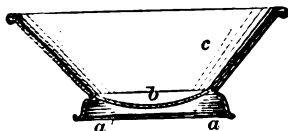
75895—Gatlin & Hubbard—Gang Plow.




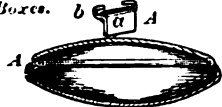
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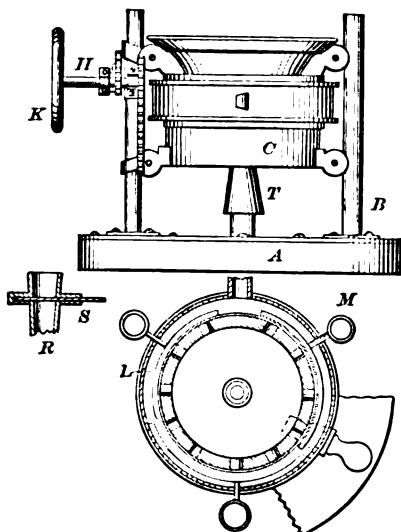
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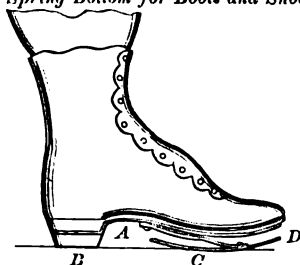
75903—C. J. Hauck—
*Hinge for Sheet Metal
Boxes.* 



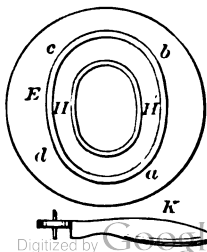
75899—Grunert & Bingham—*Flue Brazier.*



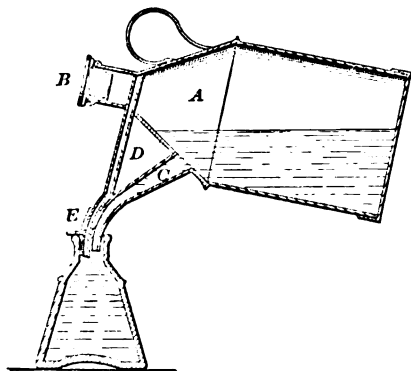
75900—Hale & Hubbell—
Spring Bottom for Boots and Shoes.



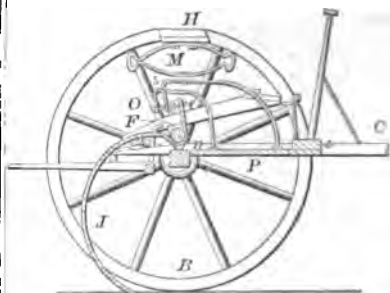
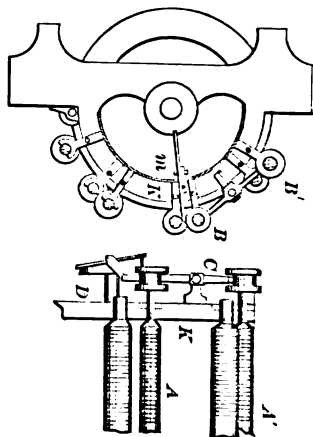
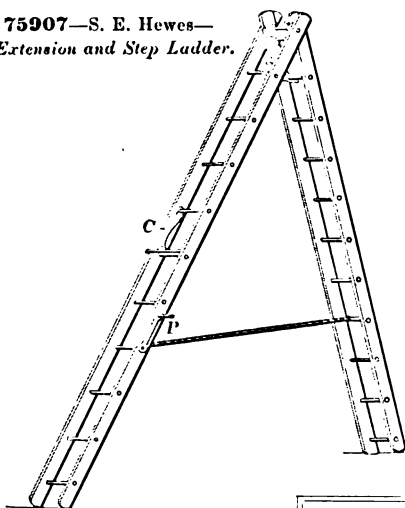
75897—F. R. Going—
For Shaping Hats.



75904—C. J. Hauck—Oil Can.

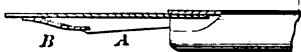
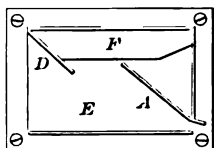


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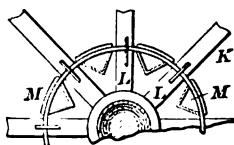
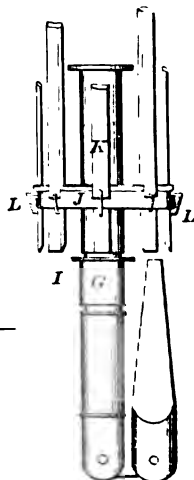
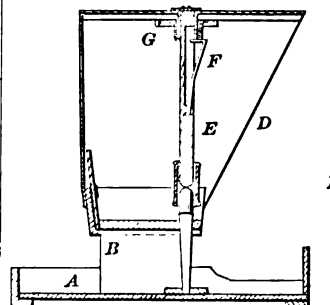
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Extension and Step Ladder.

75906—Haythorn & Martin—Curding Machine.

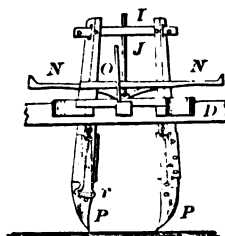
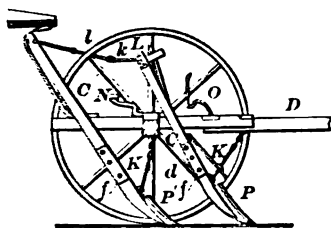
75909—R. Hirst—Pen.

75910—R. Hitchcock—Car
Ventilator.

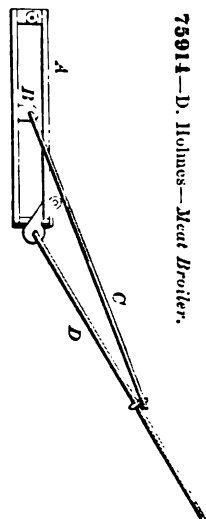
75908—D. K. Hickok—Carriage and Sleigh Top.



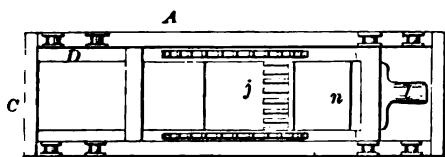
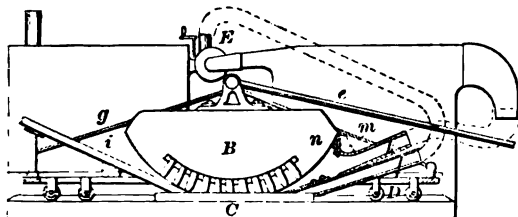
75911—C. Hoagland—Cultivator.



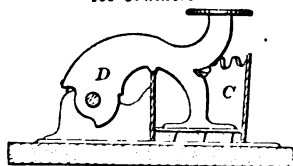
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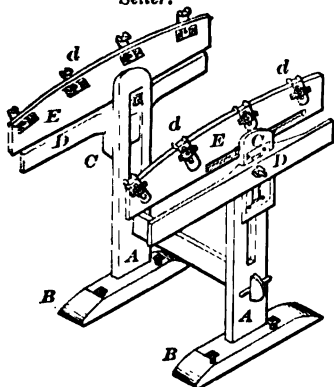
75912—F. E. Hoffmann—For Pulverizing Stone.



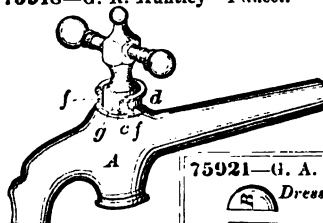
75913—Hollingsworth & Weaver—Ice Crusher.



75916—H. C. Hoover—Carriage Bow Setter.



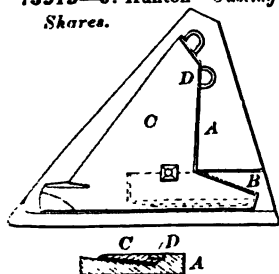
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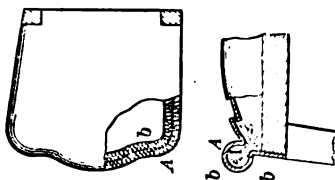
75921—G. A. Johnson—Dress Trimming.



75919—J. Hunton—Casting Plow Shares.



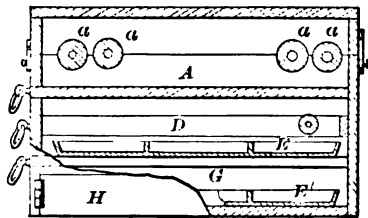
75920—F. Hiltwohl—Furniture Edge.



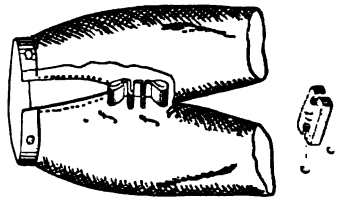
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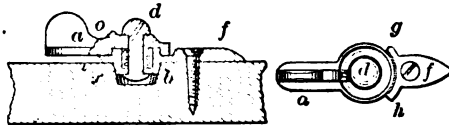
75922—M. A. Jones—Bread Making Machine.



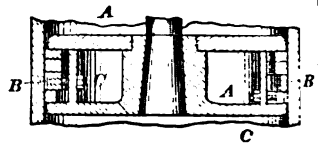
75924—Judson & Lynch—Fastening Wearing Apparel.



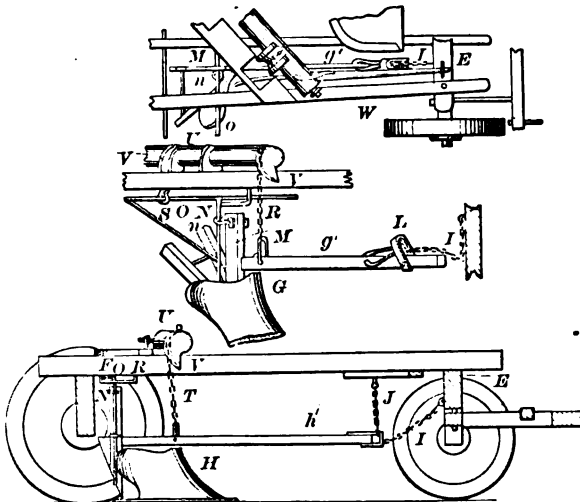
75923—M. Judd—Sash and Door Button.



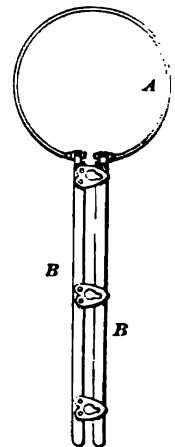
75927—J. King—Piston Packing.



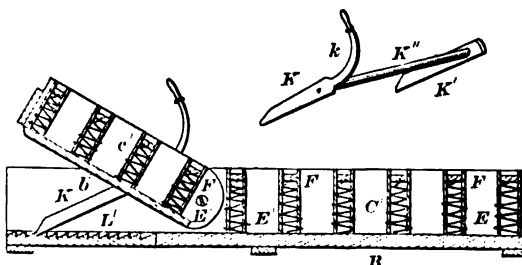
75925—J. L. Kears—Gang Plow.



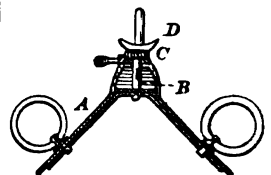
75928—W. King—Fur Collar.



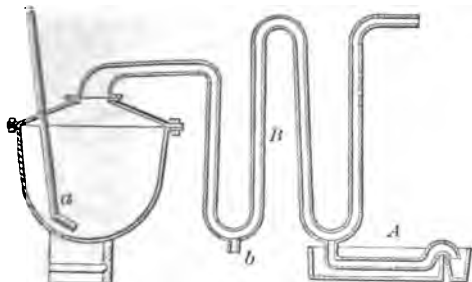
75926—A. W. Kendrick—Bed Bottom.



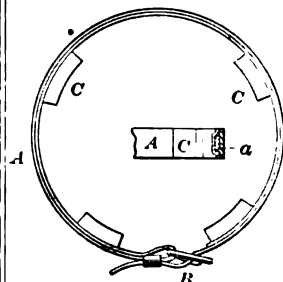
75930—R. M. La Rue—Saddle and Harness.



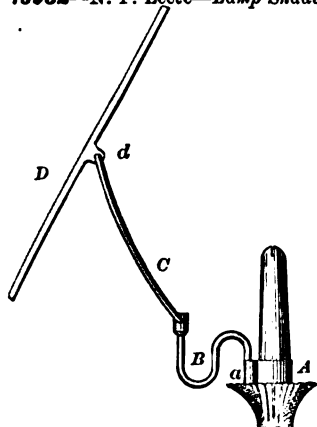
75929—O. Laist—*Manufacture of Glycerine.*



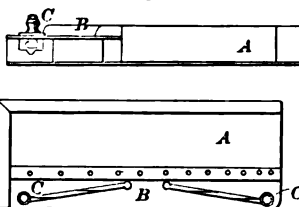
75931—J. A. Latham—*Garter.*



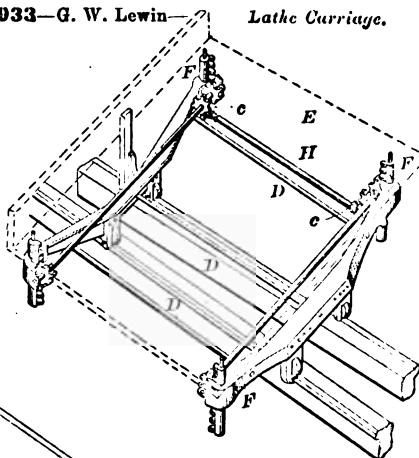
75932—N. F. Leete—*Lamp Shade.*



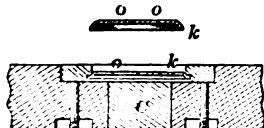
75935—H. E. Long—*Printers' Galleys.*



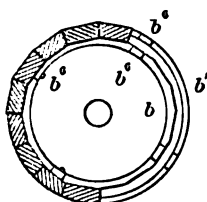
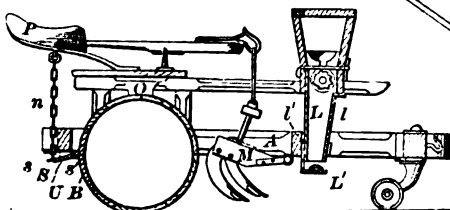
75933—G. W. Lewin—*Lathe Carriage.*



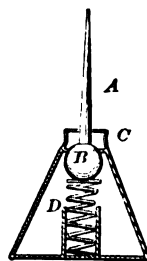
75934—E. A. Locke—*Cask Label.*



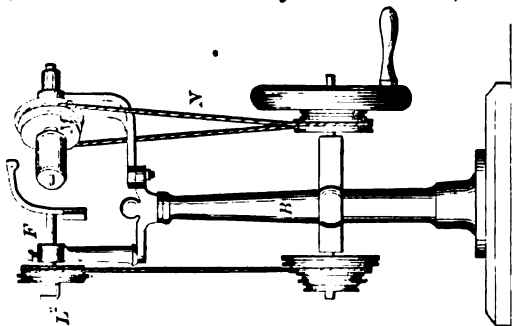
75936—J. P. Long—*Broadcast Seeder, Cultivator and Roller.*



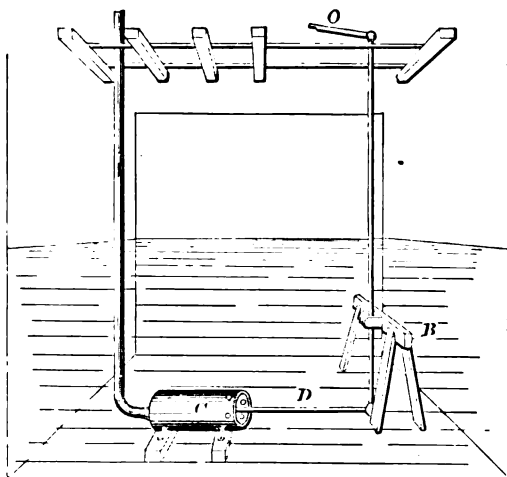
75937—T. C. Longton—*Oil Cup.*



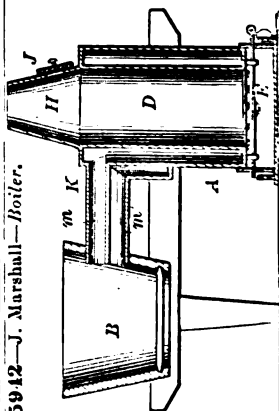
75938—J. Lovatt—For Winding Button Hole Twist, &c.

75940—H. Lumbar—
Tumbler Brush.

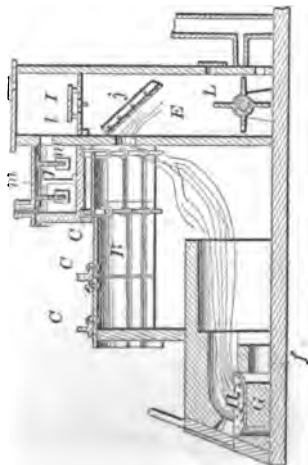
75939—S. Love—For Filling Railroad Tanks with Water.



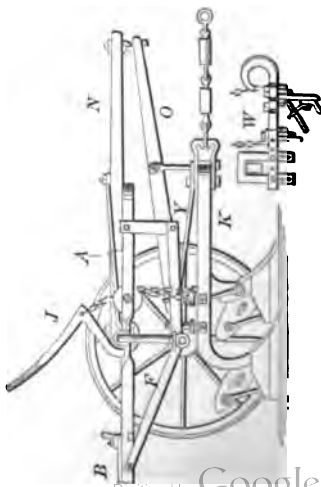
75942—J. Marshall—Boiler.



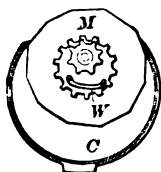
75943—M. Matlack—Manufacture of Lamp Black.



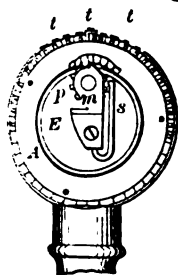
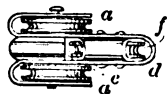
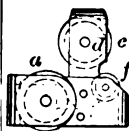
75941—I. B. Mahon—Cultivator and Gang Plow.



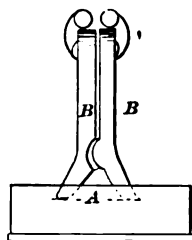
75945—Merriam & Luce—Hand Stamp.



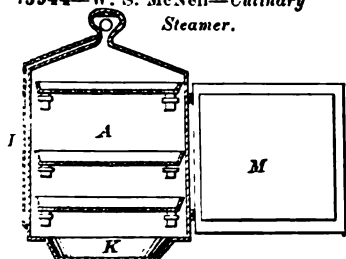
75946—D. L. Miller—Pulley for Hoisting Apparatus.



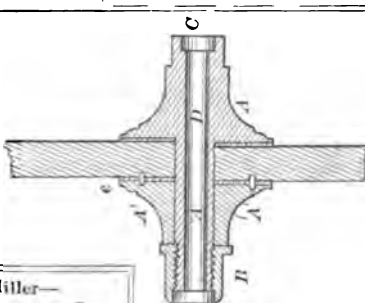
75949—T. S. Minniss—Sad Iron Handle.



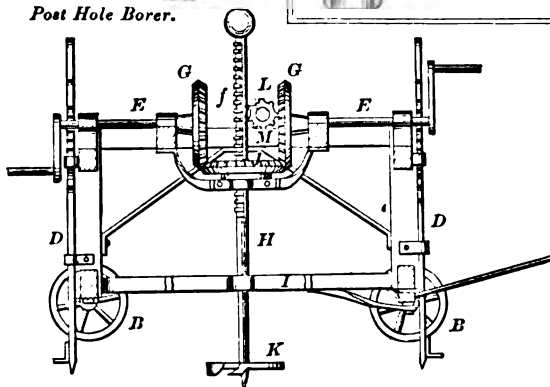
75944—W. S. McNeil—Culinary Steamer.



75948—Minor & Ward—Carriage Hub.

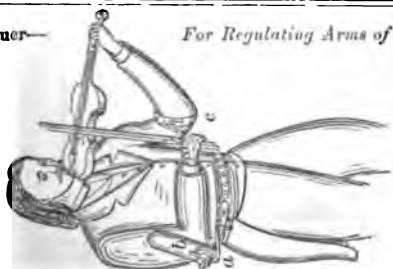


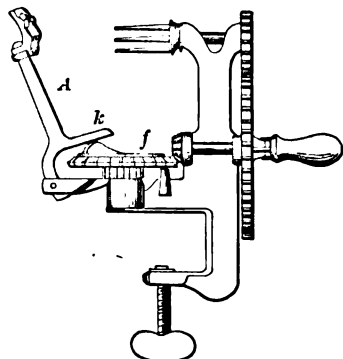
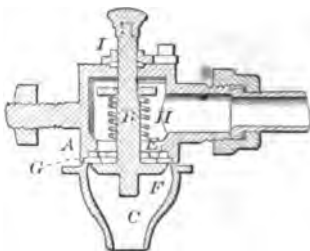
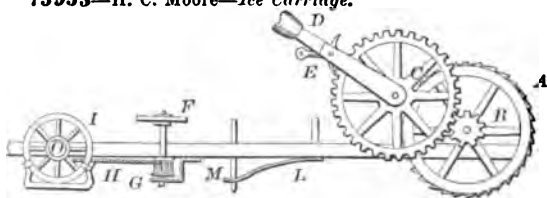
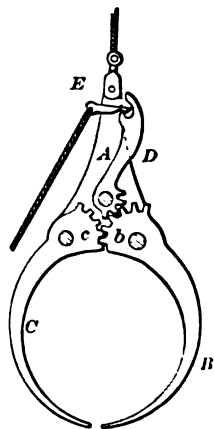
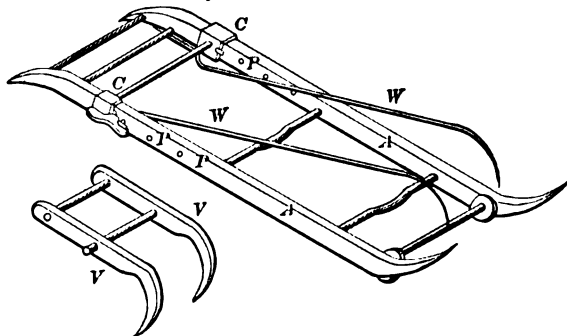
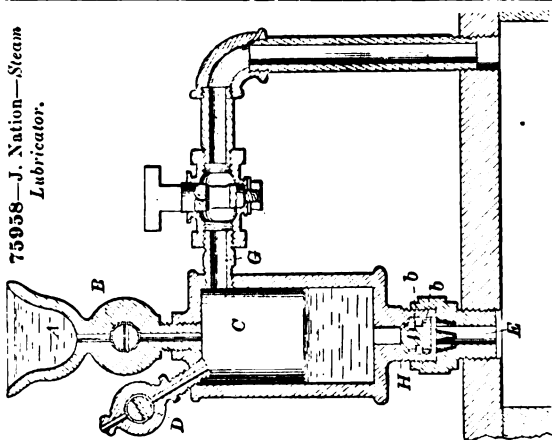
75947—J. K. Miller—Post Hole Borer.



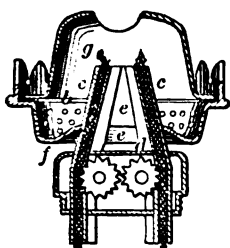
75950—E. Mollenhauer—

For Regulating Arms of Violin Players.

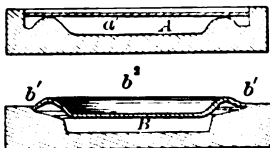


75951—J. F. & E. P. Monroe—*Apple Parer.*75952—G. R. Moore—*Water Pipe Valve.*75953—H. C. Moore—*Ice Carriage.*75957—L. Murr—*Printing Cloth.*75956—P. A. Mowers—*Horse Hay Fork.*75954—A. F. Morey—*Barrel Truck.*75958—J. Nation—*Steam Lubricator.*75955—J. Mosley—*Pocket Knife.*

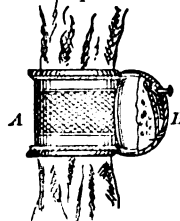
75959—H. K. Needham—*Lamp Burner.*



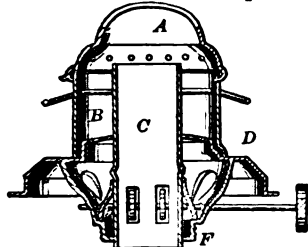
75961—Neuberger & Illig—*For Stamping Tin Ware.*



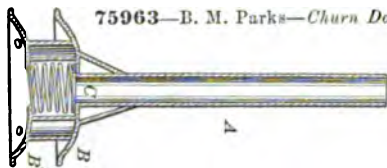
75968—G. Pine—*Napkin Ring and Salt Cup.*



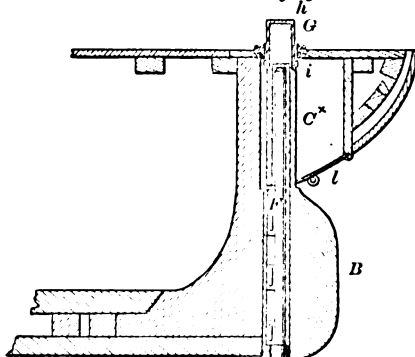
75960—G. Neilson—*Lamp Burner.*



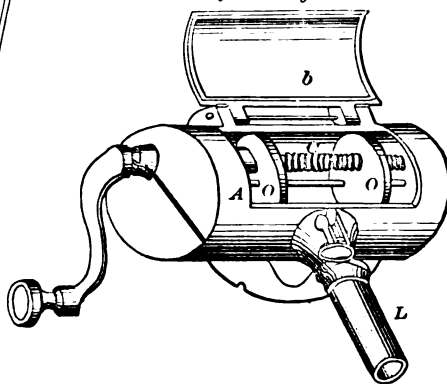
75963—B. M. Parks—*Churn Dasher.*



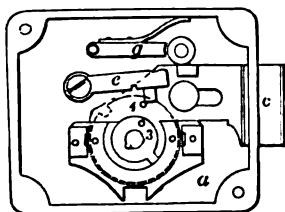
75964—H. H. Pember—*Hanging Rudders.*



75966—J. G. Perry—*Sausage Filler.*



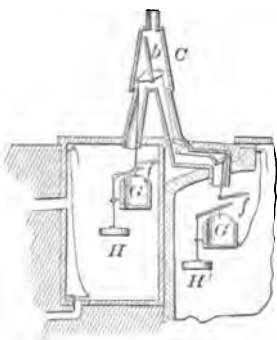
75967—O. E. Pillard—*Permutation Lock.*



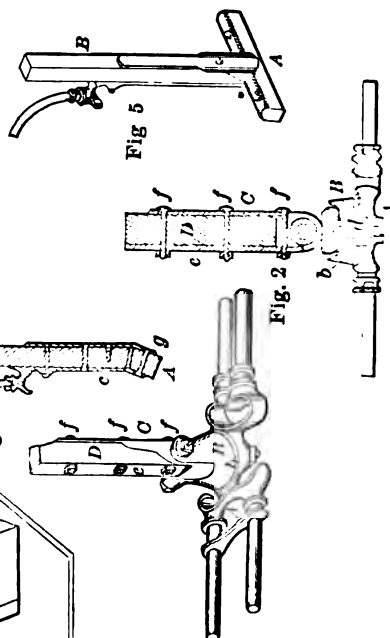
75962—S. B. Parker—*For Fastening Shoe Strings.*



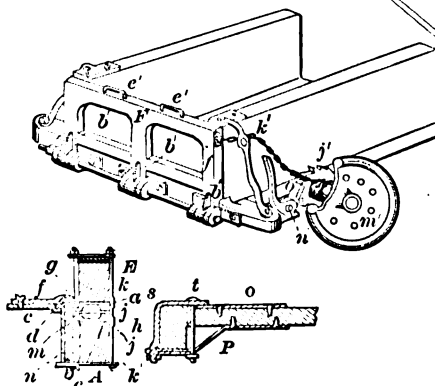
75969—S. H. Plumb—Automatic Feeder and Cut-off.



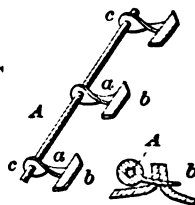
75971—T. W. Porter—Sleigh.



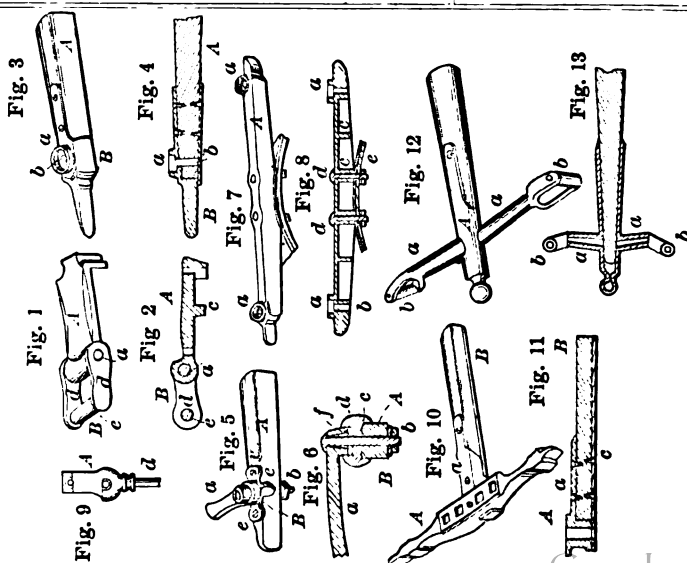
75972—T. W. Porter—Express Wagon.



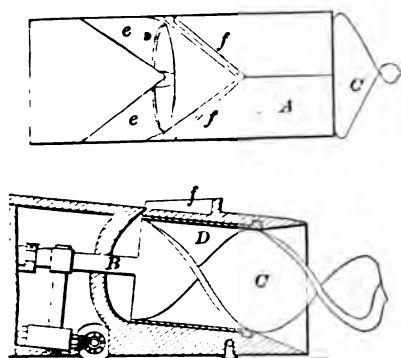
75970—T. W. Porter—Belt Clasp.



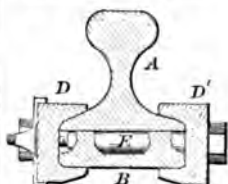
75973—T. W. & H. K. Porter—Carriage



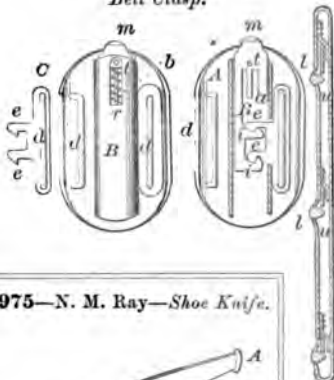
75979—E. Robbins—*Railway Snow Plow.*



75977—S. J. Reeves—*Railway Rail Joint.*



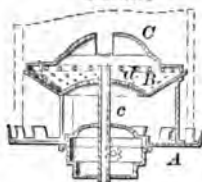
75976—J., S. A., G. E. & F. F. Reading—*Belt Clasp.*



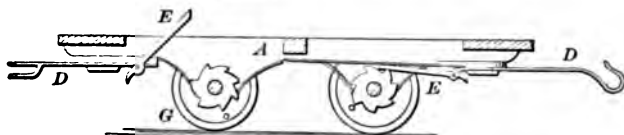
75975—N. M. Ray—*Shoe Knife.*



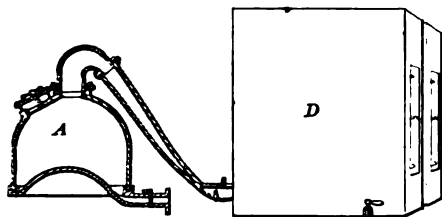
75978—E. B. Requa—*Lamp Burner.*



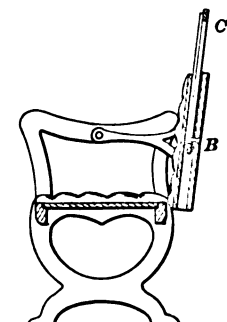
75981—L. Rodenhause—*Car Starter.*



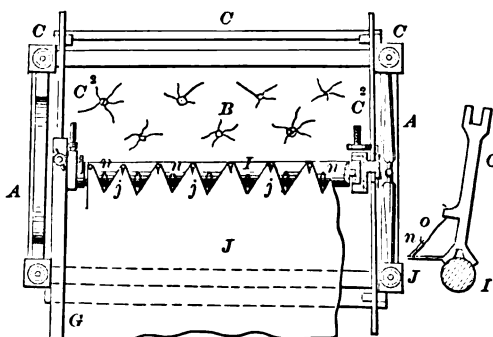
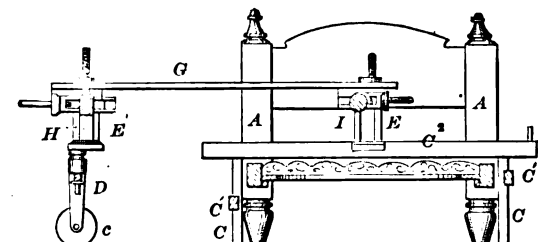
75980—L. S. Robbins—*For Cleaning Wool, &c.*



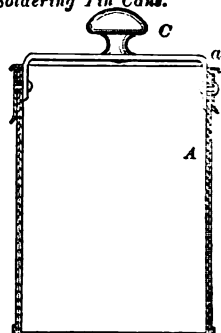
75982—C. Rowland—*Car Seat.*



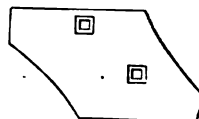
75983—Rowles & Russell—Invalid Bedstead.



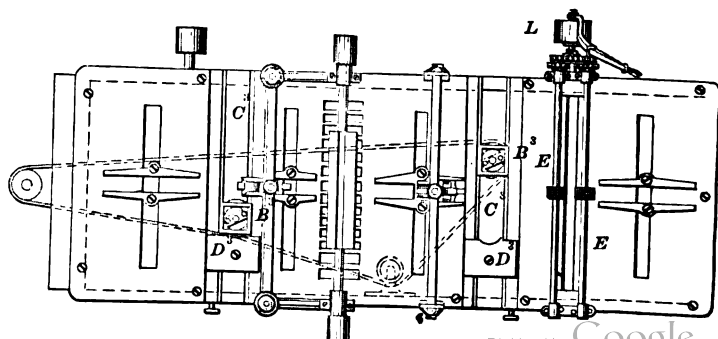
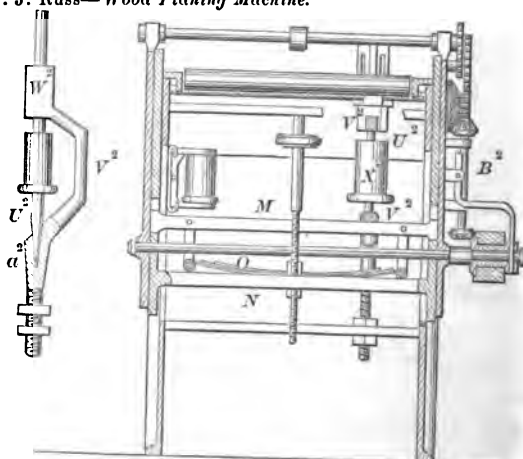
75985—W. Serviss—For Soldering Tin Cans.



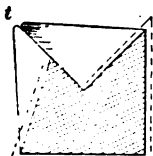
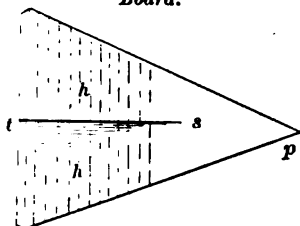
75986—F. E. Sessions—Hardening Iron and Steel.



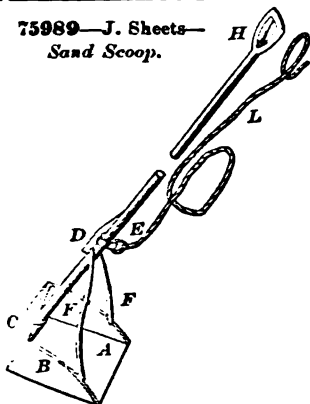
75984—J. J. Russ—Wood Planing Machine.



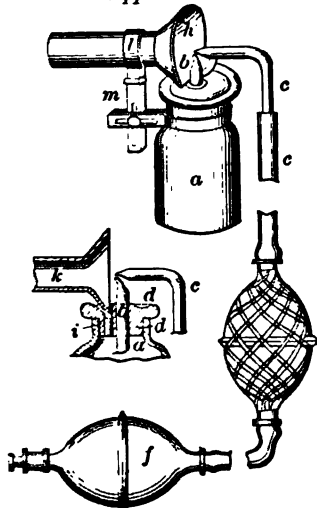
75987—J. Seymour—*Plow Mould Board.*



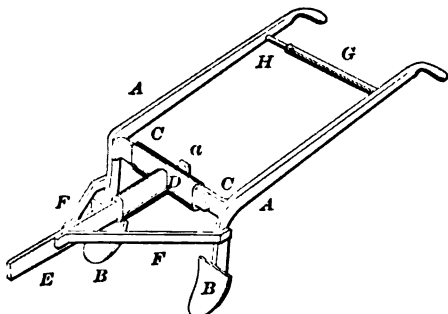
75989—J. Sheets—*Sand Scoop.*



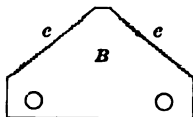
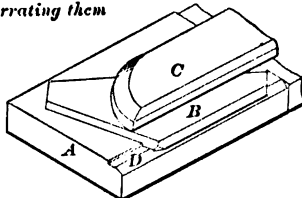
75991—A. M. Shurtleff—*Atomizing Apparatus.*



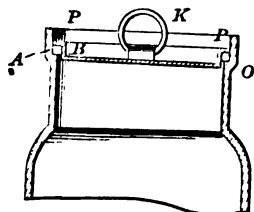
75988—Shalters & Ray—*Double Shovel Plow.*



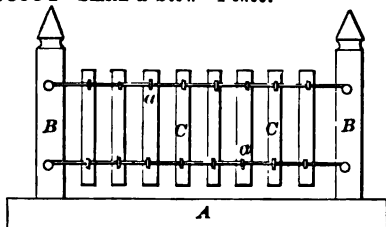
75990—S. D. Sheldon—*Sickle Sections and Serrating them*



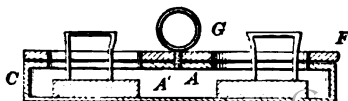
75993—C. S. Siddons—*Fruit Jar.*



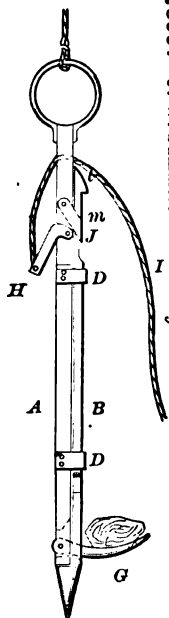
75994—Smith & Stow—*Fence.*



75995—S. W. Smith—*Flat Iron Heater.*



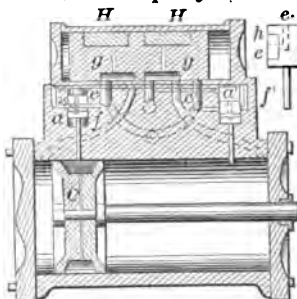
75997—J. W. Summers—Horse Hay Fork.



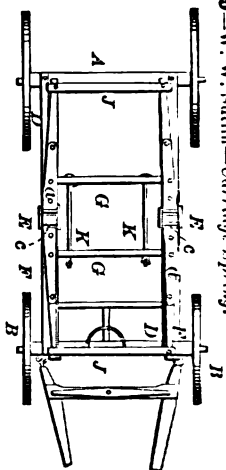
75996—W. C. Sparks—Door Button.



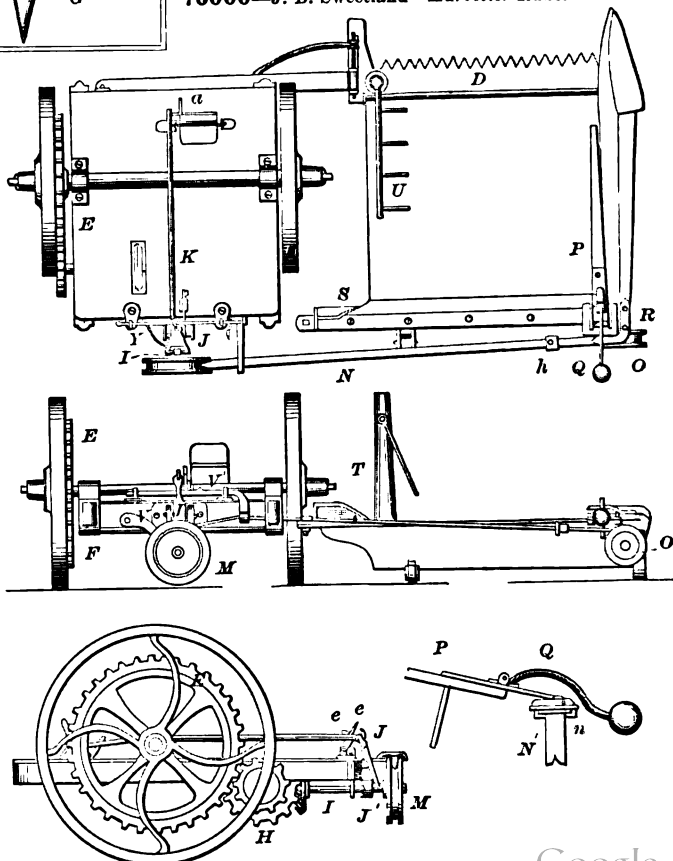
75998—Sutherland & Moakly—Steam Pump Engine.



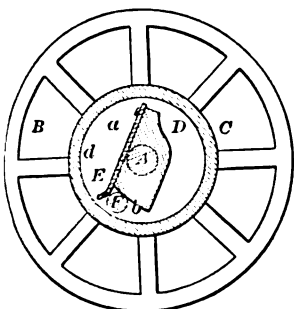
75999—W. W. Sulliff—Carriage Spring.



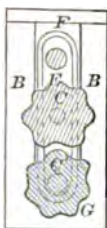
76000—J. B. Sweetland—Harvester Rake.



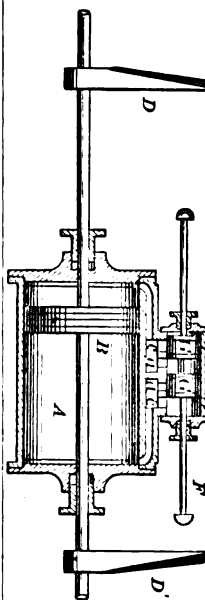
96001—D. H. Thayer—*Harvester.*



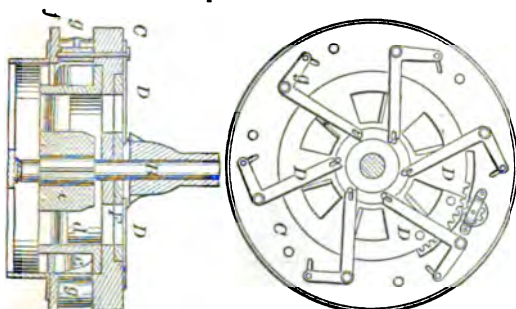
96004—J. P. Thompson—*Washing Machine.*



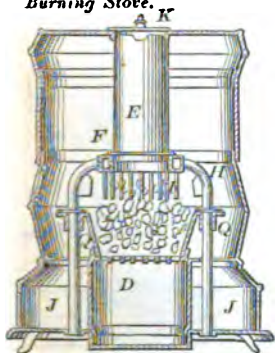
96002—Thomas & Evans—*Steam Engine Piston Valve.*



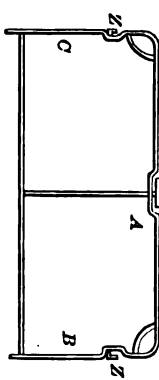
96003—I. M. Thompson—*Water Wheel.*



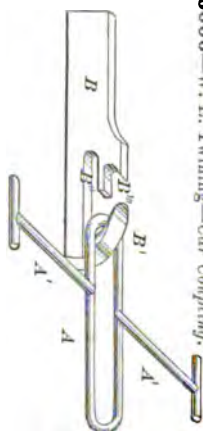
96005—R. B. Thompson—*Base Burning Stove.*



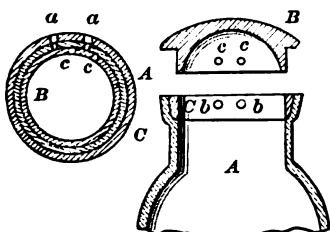
96007—P. Verplanck, Jr.—*Dash Board.*



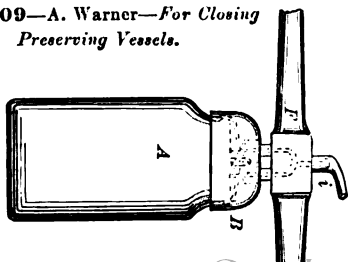
96006—W. E. Twining—*Car Coupling.*



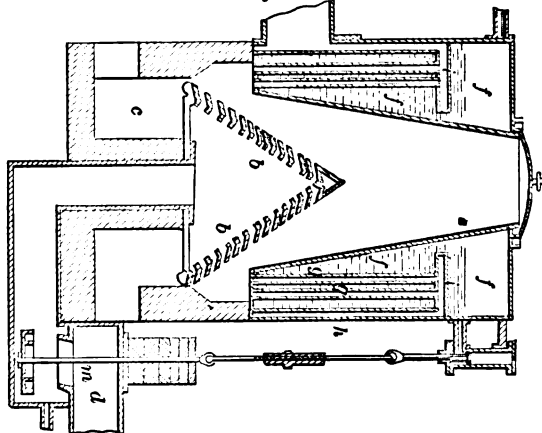
96008—A. Warner—*Fruit Jar.*



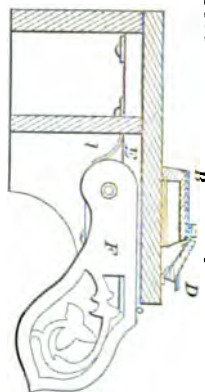
96009—A. Warner—*For Closing Preserving Vessels.*



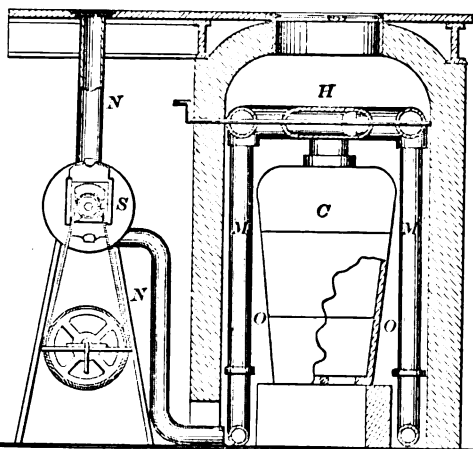
76010—J. Watts—Heating Furnace.



76013—F. A. Wells—Heed Organ.



76018—J. Whitehill—Hot Air Furnace.



76011—N. Webster—Welding Tool.

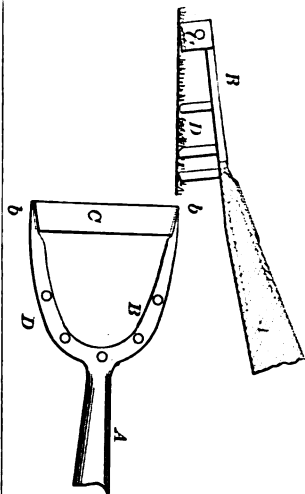
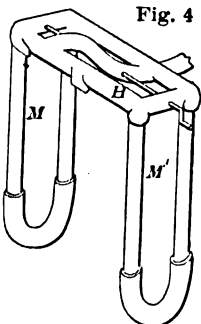
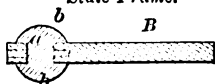


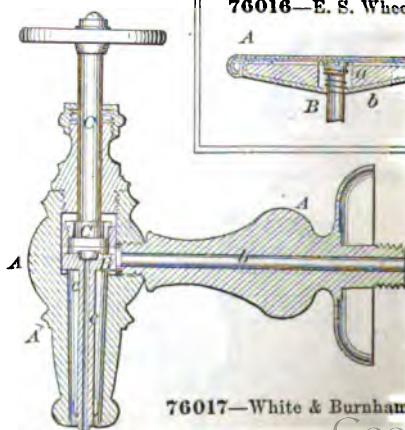
Fig. 4



76014—W. C. Wendell—Slate Frame.

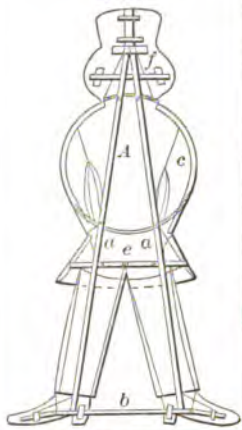


76016—E. S. Wheeler—Dutton.

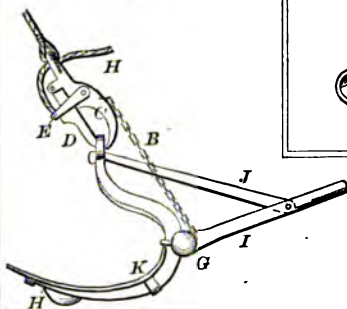


76017—White & Burnham—Faucet.

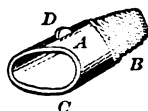
76028—Yorns & Smith—
Kite.



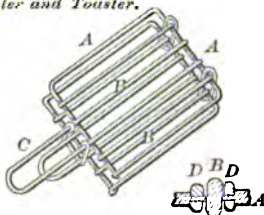
76029—W. Zimmerman—
Horse Hay Fork.



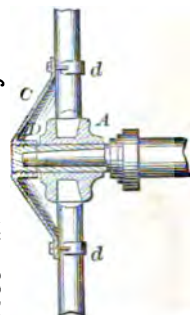
76030—A. Zinsser—*Tapping
Piece for Barrels*



76032—Collier & Bigelow—
Broiler and Toaster.



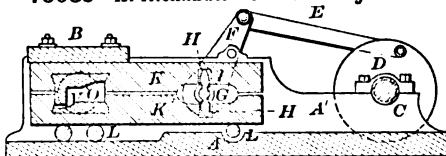
76033—L. Adams—*Carriage Wheel.*



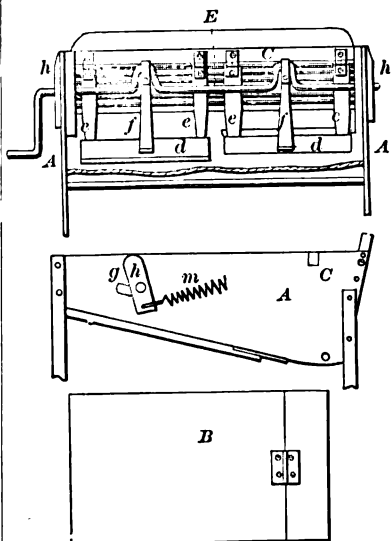
76034—J. Adt—*Hinge.*



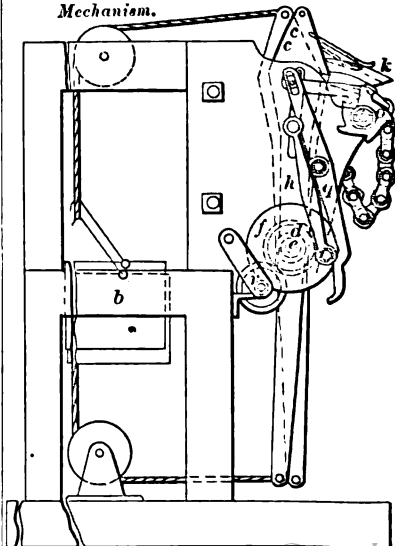
76035—A. Alexander—*For Shearing Bolts.*



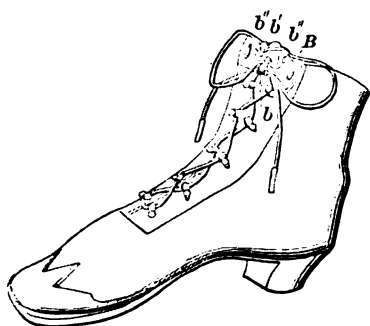
76037—D. W. Bancroft—*Washing Machine.*



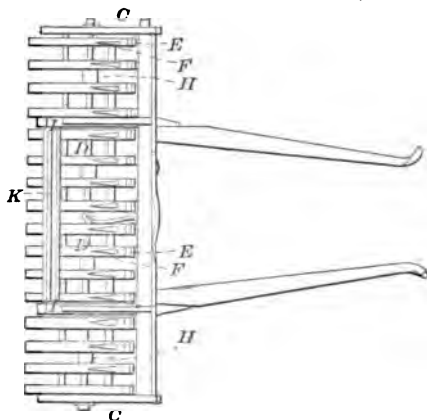
76038—Bachelder & Bliss—*Loom
Mechanism.*



76038—Banister & Rowell—*For Lacing Boots.*



76040—H. L. Beach—*Horse Rake.*



76041—C. Bender—*Wire Truss Bridge.*

Fig. 3

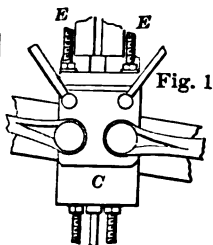
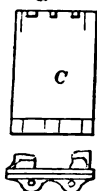


Fig. 1

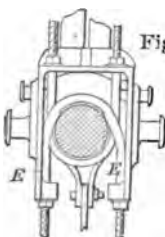


Fig. 2

Fig. 4

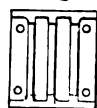
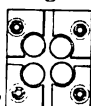
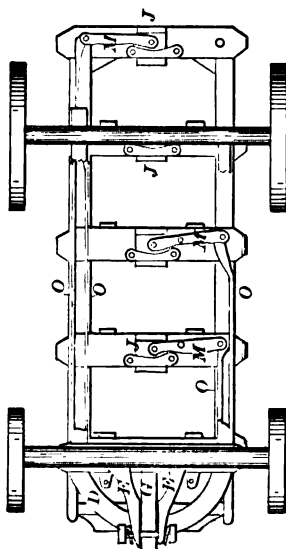
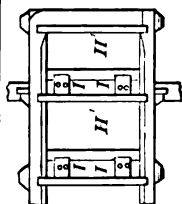
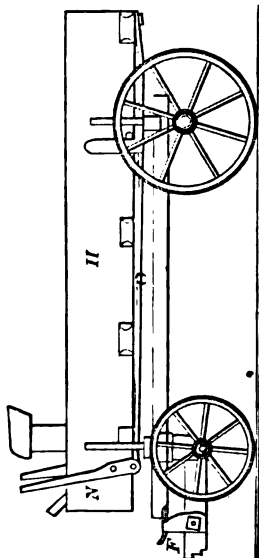


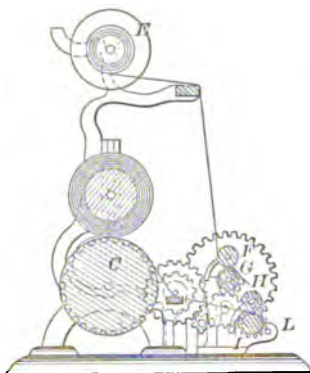
Fig. 5



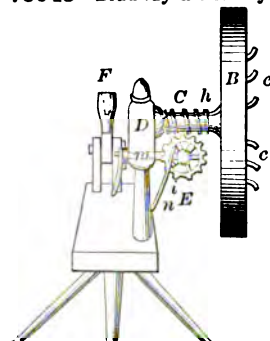
76039—H. Barton—*Dumping Wagon.*



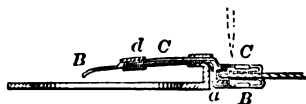
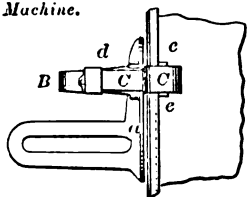
76042—J. W. Bentley—*For Manufacturing Clouded Yarn.*



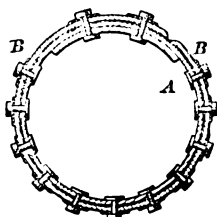
76043—Bradway & Bradley—*Reel.*



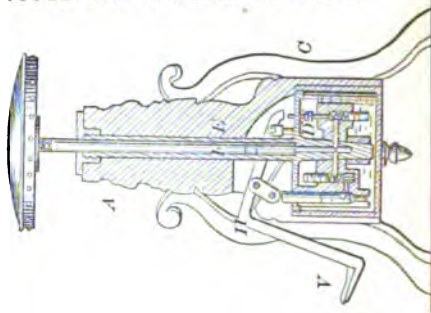
76047—C. H. Buck 2d—*Sewing Machine.*



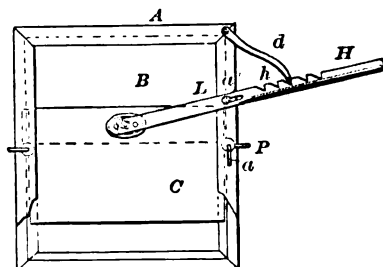
76049—A. Carney—*Hose.*



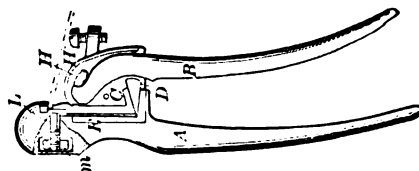
76044—Bramble & Deihl—*Piano Stool.*



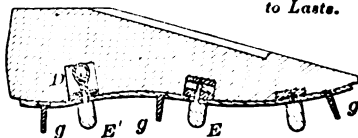
76045—J. W. Branham—*Draught Regulator.*



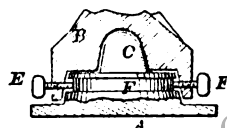
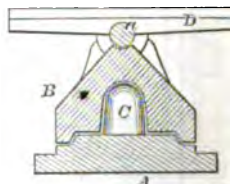
76046—J. F. Brodhead—*Saw Set.*



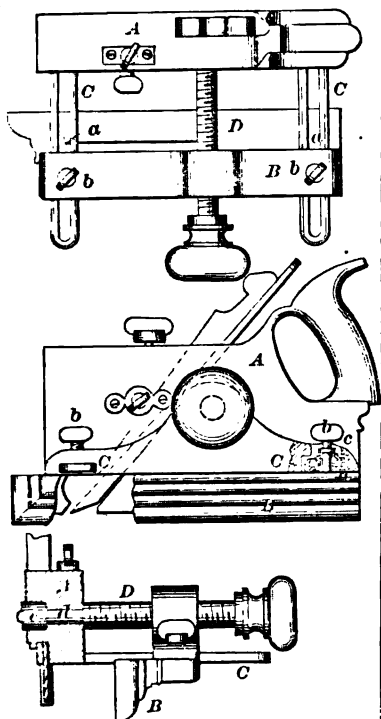
76048—C. Buffum—*Application of Inner Soles to Lasts.*



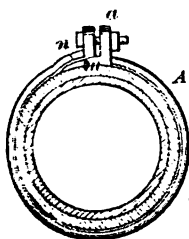
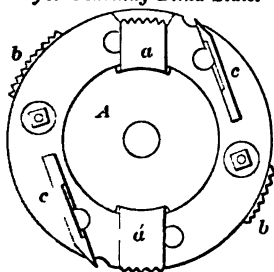
76050—J. B. Case—*Lever Purchase.*



76051—Chapin & Rust—Plane.

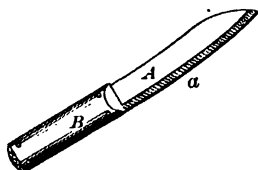


76052—M. W. Clark—Cutter Head for Tenoning Blind Slots.

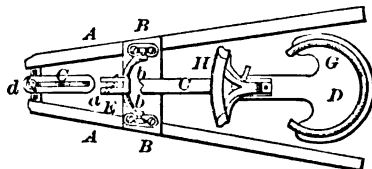
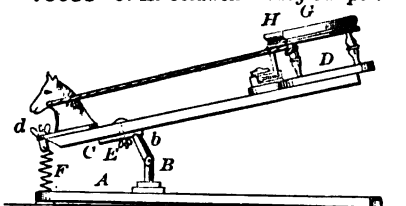


76057—Curtis & Tockebury—Hose and Pipe Coupling.

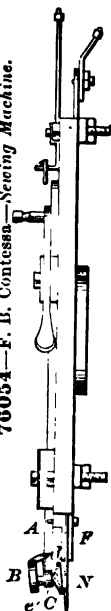
76055—F. Coulon—For Cutting Straw Bands.



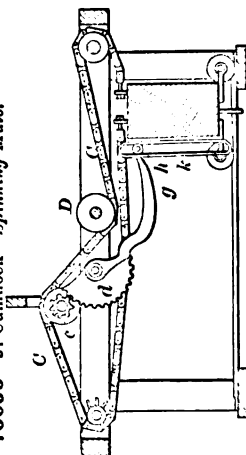
76053—J. H. Coldwell—Baby Jumper.



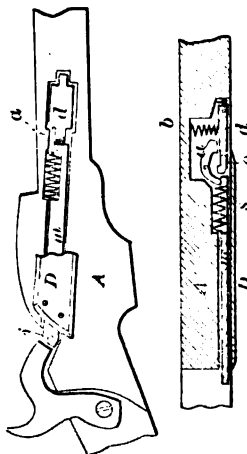
76054—F. B. Contessa—Sewing Machine.



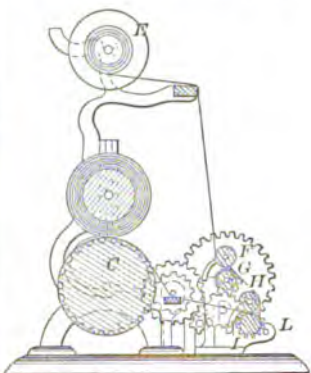
76056—J. Cunneen—Spinning Mule.



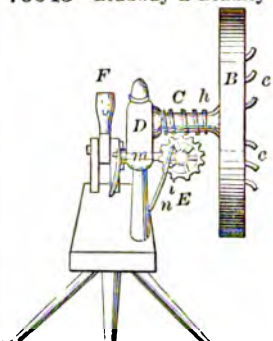
76058—B. P. Cutler—Safety Guard for Fire Arms.



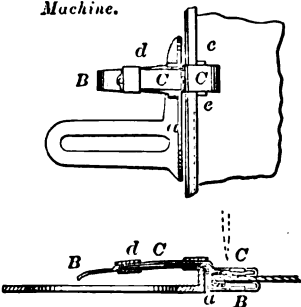
76042—J. W. Bentley—*For Manufacturing Clouded Yarn.*



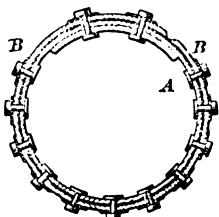
76043—Bradway & Bradley—*Reel.*



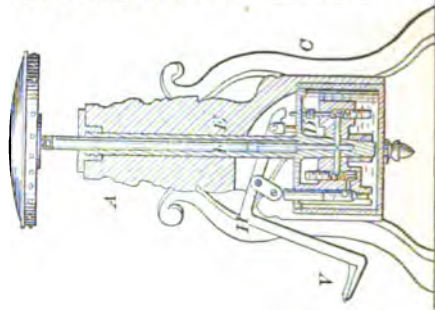
76047—C. H. Buck 2d—*Sewing Machine.*



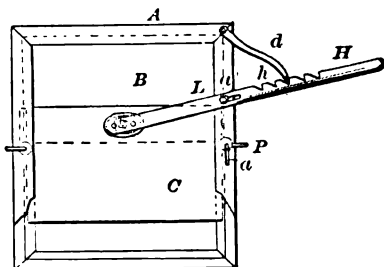
76049—A. Carney—*Hose.*



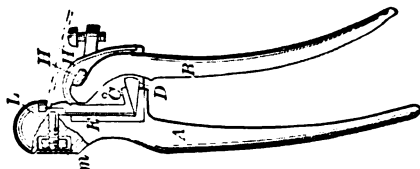
76044—Bramble & Deihl—*Piano Stool.*



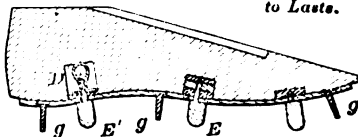
76045—J. W. Branham—*Draught Regulator.*



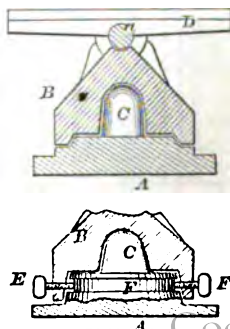
76046—J. F. Brodhead—*Saw Set.*



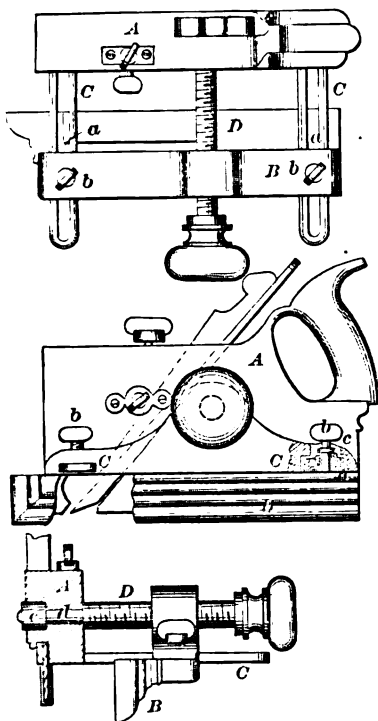
76048—C. Buffum—*Application of Inner Soles to Lasts.*



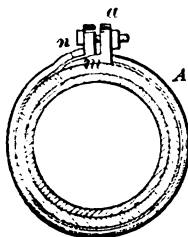
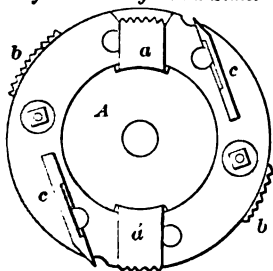
76050—J. B. Case—*Lever Purchase.*



76051—Chapin & Rust—Plane.

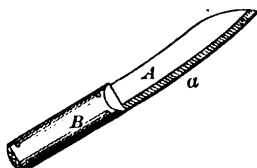


76052—M. W. Clark—Cutter Head for Tenoning Blind Slots.

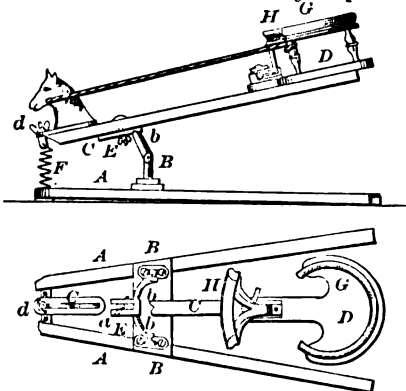


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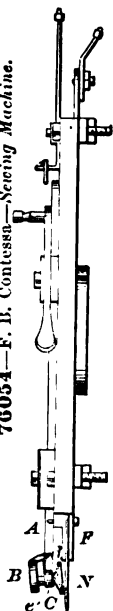
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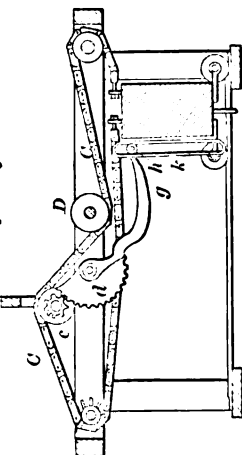
76053—J. H. Coldwell—Baby Jumper.



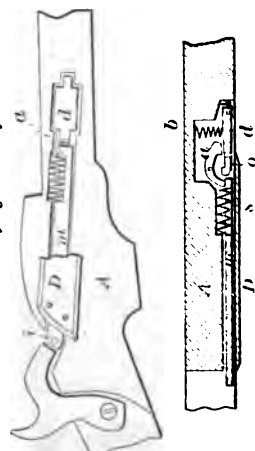
76054—F. B. Contessa—Sewing Machine.

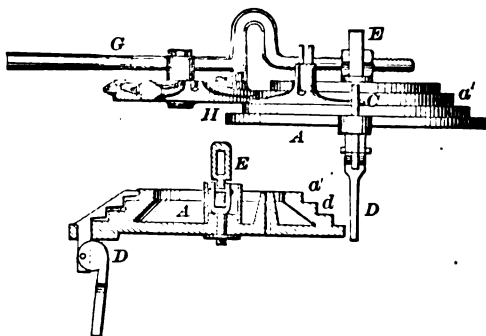
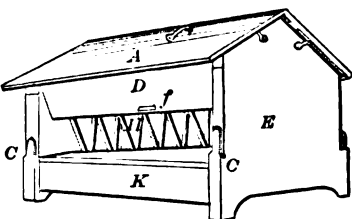
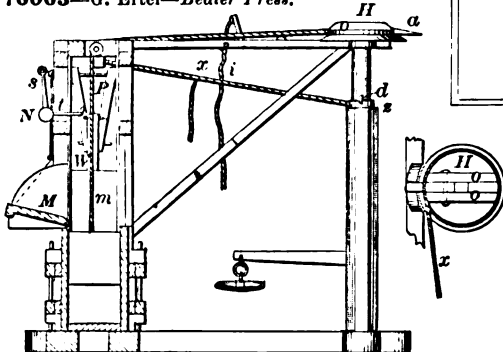
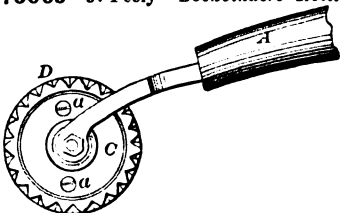
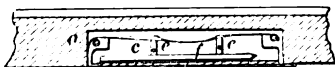
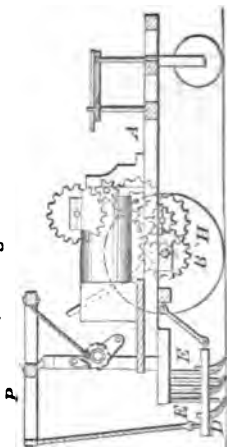
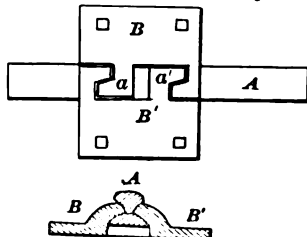
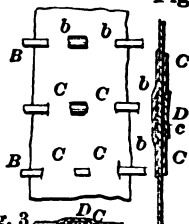
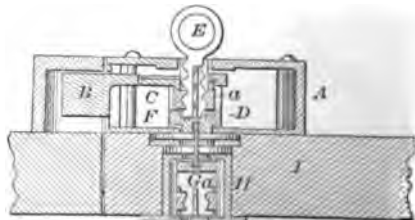


76056—J. Cunnook—Spinning Mule.

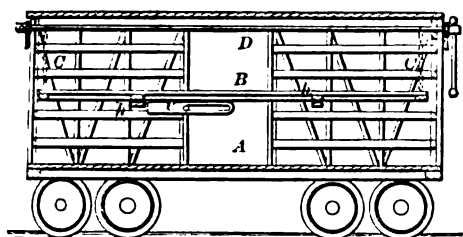


76058—B. P. Cutler—Safety Guard for Fire Arms.

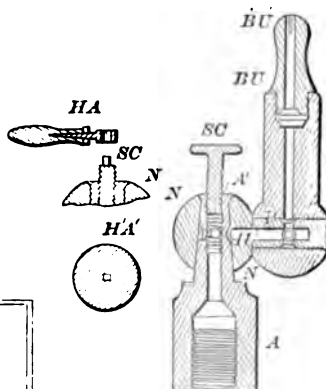


76059—S. S. Daniels—*For Bending Carriage Circles.***76061**—J. Depue—*Feed Trough and Rack.***76063**—G. Ertel—*Beater Press.***76065**—J. Feely—*Bookbinders' Roll.***76068**—J. H. Foote—*Slate Frame.***76060**—J. C. Delavigne—*Steam Plow.***76062**—A. Elms—*Railway Chair.***76064**—D. H. Fanning—*Hoop Skirt.***Fig. 2****Fig. 3****76066**—P. S. Felter—*Door Lock.*

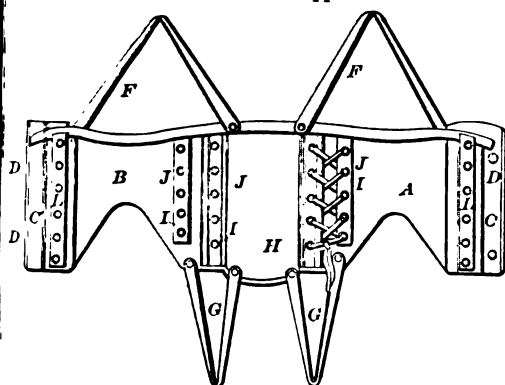
76067—E. Fontaine—Cattle Car.



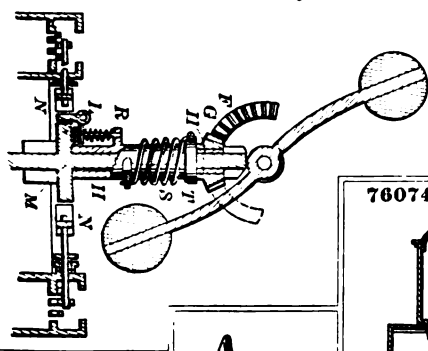
76069—C. S. Ford—Gas Burner.



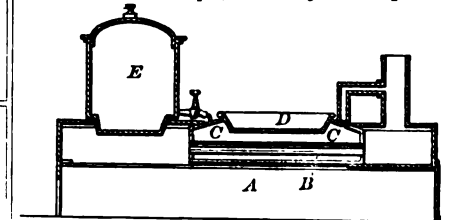
76070—J. Ford—Abdominal Supporter.



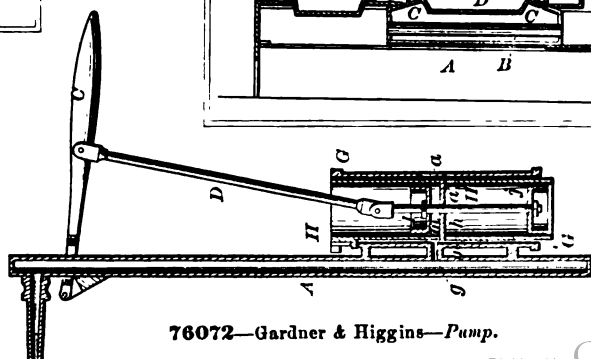
76071—L. F. Fuller—Steam Engine Governor.



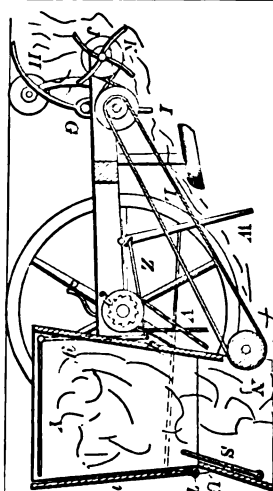
76074—T. Gillespie, Jr.—Sorghum Evaporator.

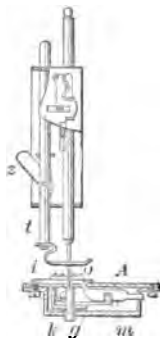
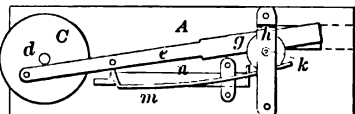
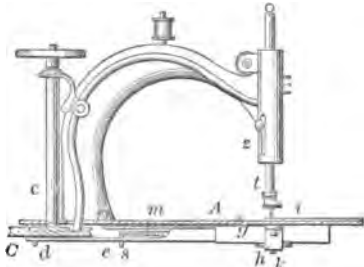
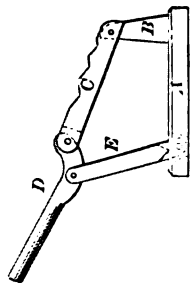
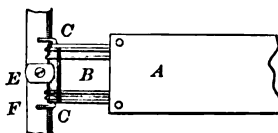
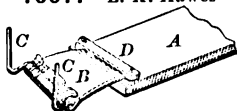
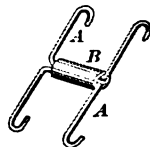
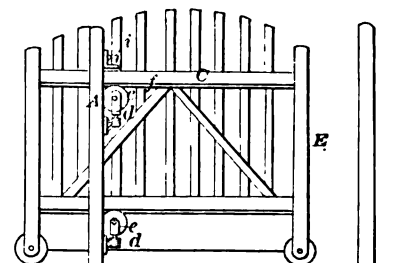
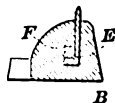
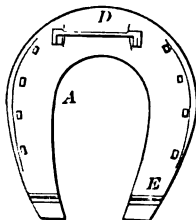
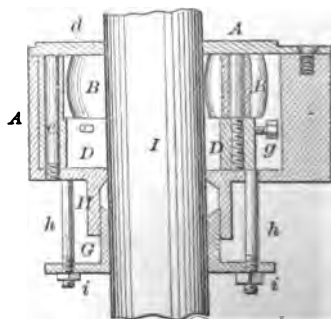
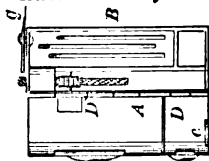


76072—Gardner & Higgins—Pump.

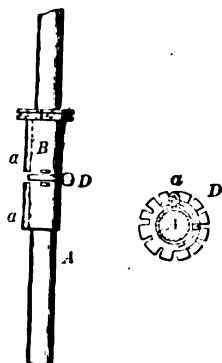


76073—R. T. Gill—Hay Spreader and Locker.

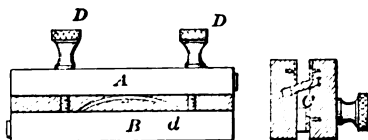


76076—A. W. Halbert—*Sewing Machine.***76075**—T. L. Goble—*Wagon Jack.***76077**—L. K. Hawes—*Bed Bottom.***76082**—F. J. Jones—*Belt Hook.***76080**—Huston & Stanford—*Carriage Curtain Fastening.***76081**—J. L. Janeway—*Gate.***76078**—A. S. Hopson—*Horse Shoe.***76083**—S. Kime—*Shaft Bearing on Millstone Bush.***76084**—Kirchfeld & Heyl—*Match Box.***76079**—A. J. F. Howard—*Boot Crimper.*

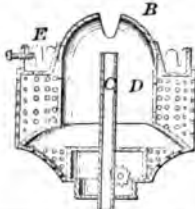
76085—W. Lang—Umbrella.



76086—W. H. Leach—Scissors Sharpener.



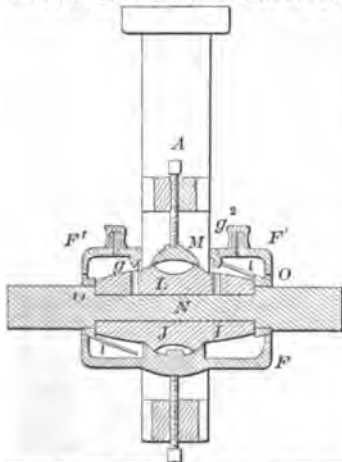
76089—J. Magee—Lamp
Burner.



76088—E. T. Ligon—
Joint of Steel Plates.



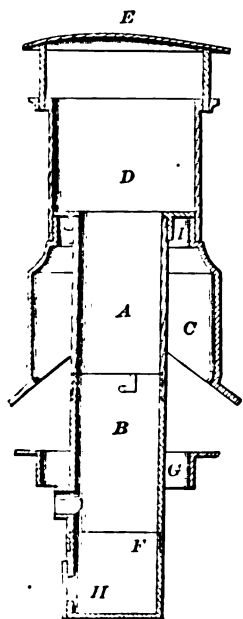
76092—J. D. Mathews—Journal Box.



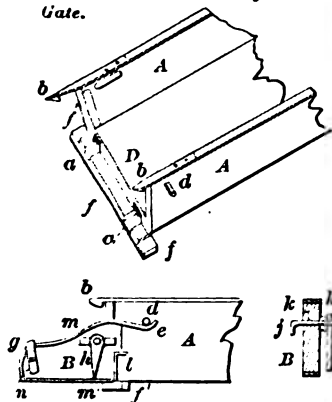
76090—E. P. Marble—Shuttle.



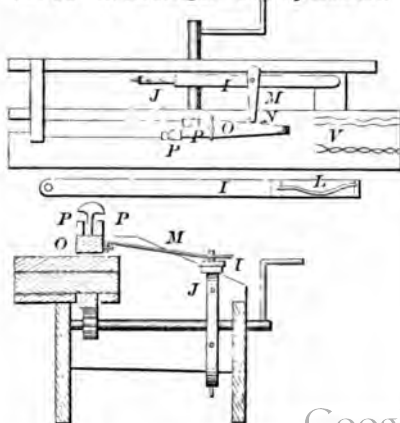
76094—A. W. McMillen—Cast Iron Chimney.



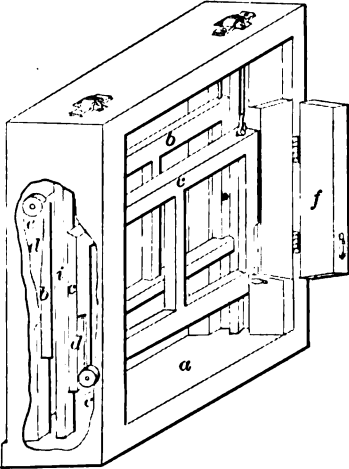
76095—E. S. Miller—Wagon End
Gate.



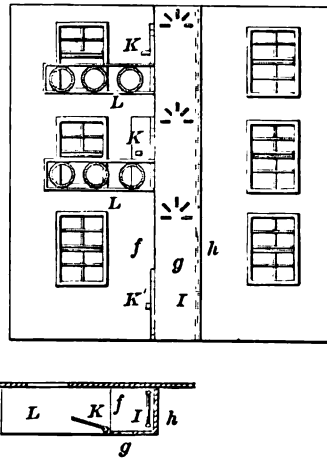
76093—A. McCreight—Carving Machine.



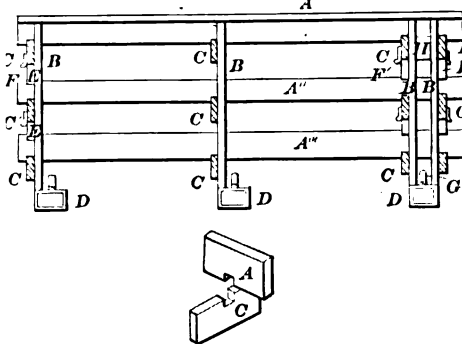
76096—J. H. Osgood, Jr.—*Window Sash Frame.*



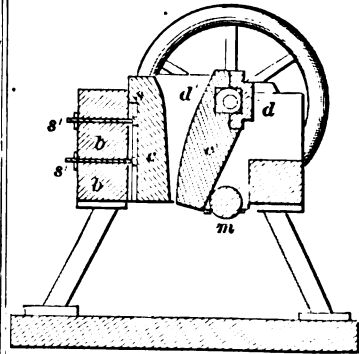
76097—J. Paar—*Fire Escape.*



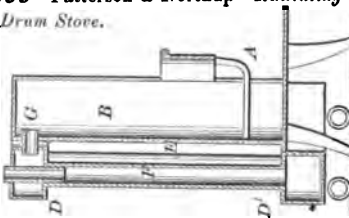
76102—W. E. Roberts—*Portable Fence.*



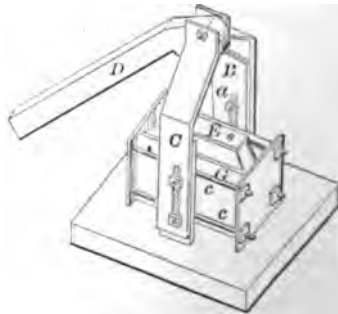
76100—J. Reese—*Ore Crusher.*



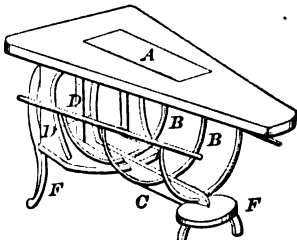
76099—Patterson & Northup—*Radiating Drum Stove.*



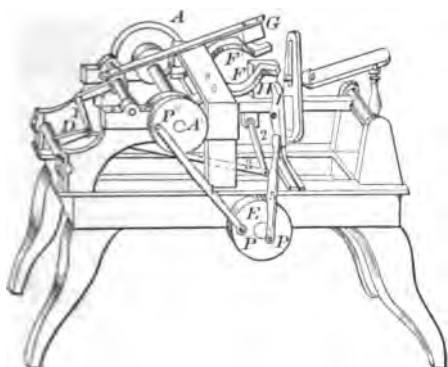
76101—C. O. & J. H. Ritchie—*Press.*



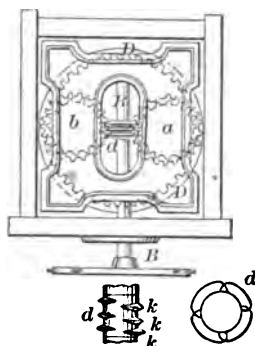
76098—H. Park—*Ironing Table.*



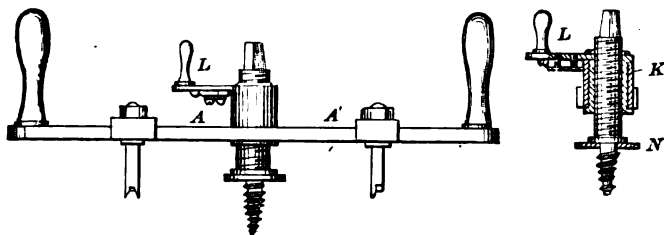
76104—G. W. Sargent—*Nail Machine.*



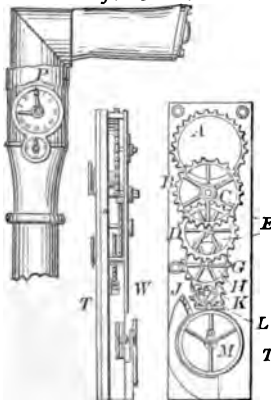
76105—C. H. Sawyer—*Steering Apparatus.*



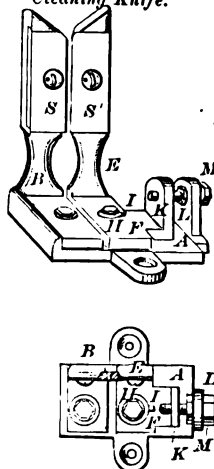
76103—A. Roff—*Wood Boring Machine.*



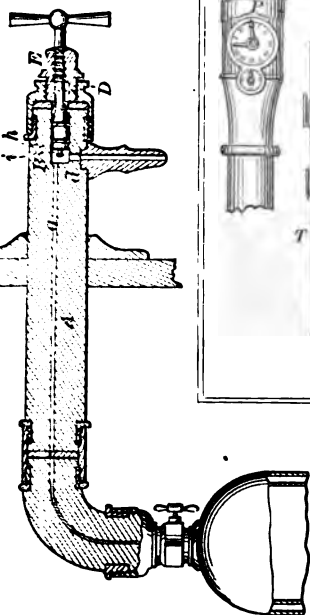
76108—S. B. Simon—*Watch for Canes.*



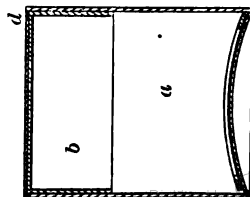
76109—G. Singleton—*Silk Cleaning Knife.*

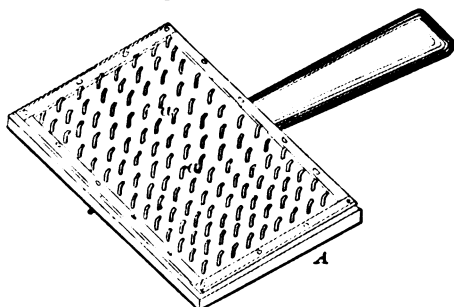
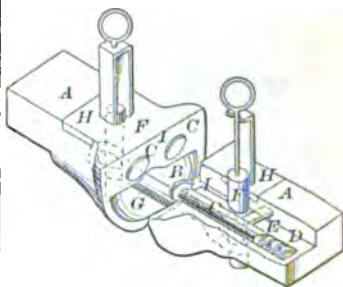
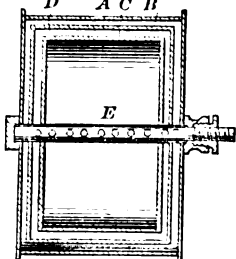
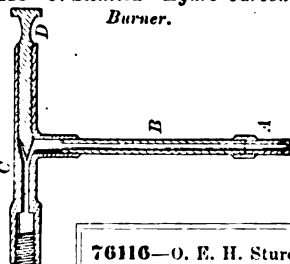
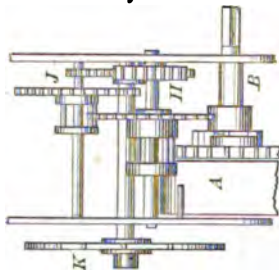
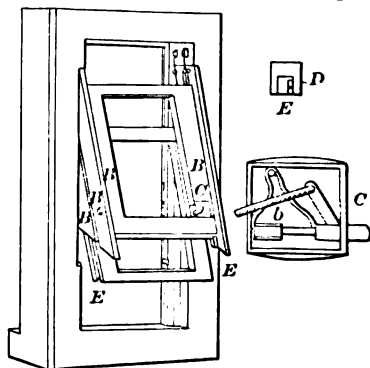
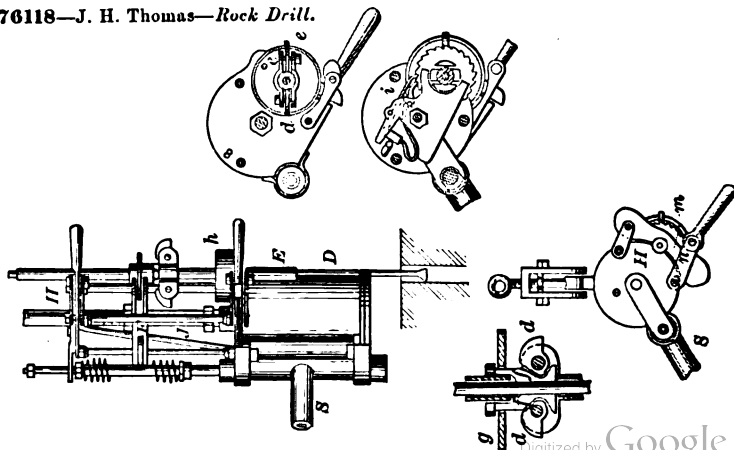


76100—Schultz & Warkner—*Stop Clock.*

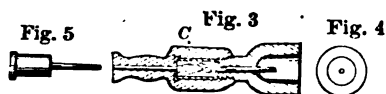


76110—J. D. Smedley—*For Packing Butter, &c.*

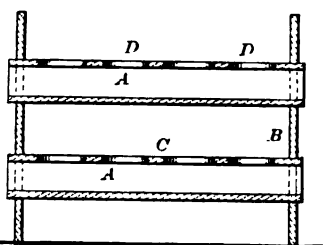


76111—E. L. Sprague—*Making Cards.*76112—T. Steinbauer—*Car Coupling.*76114—J. Stratton—*For Carburetting Air.*
D A C B76115—J. Stratton—*Hydro-Carbon Burner.*76113—J. W. Strange—*Twine Cutter.*76117—S. B. Terry—*Clock.*76116—O. E. H. Stureken—*Window Frame.*76118—J. H. Thomas—*Rock Drill.*

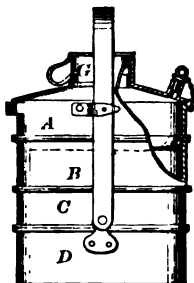
76119—W. Thompson—Cigar Mouthpiece.



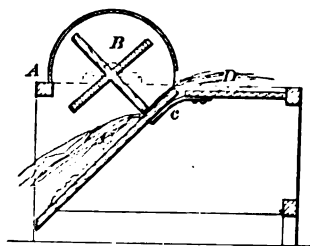
76120—W. Veber, Jr.—Milk Shelf.



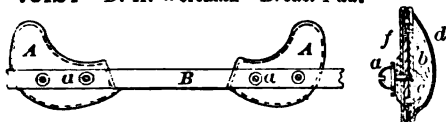
76121—J. Wagner—Dinner Kettle.



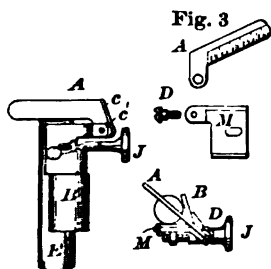
76122—F. Walpert—For Removing Burrs from Hair.



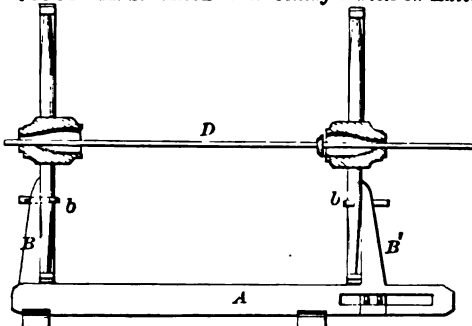
76124—D. K. Wertman—Breast Pad.



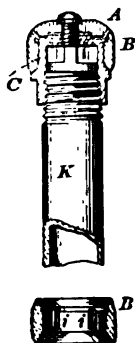
76123—W. C. Wells—Drill Gauge.



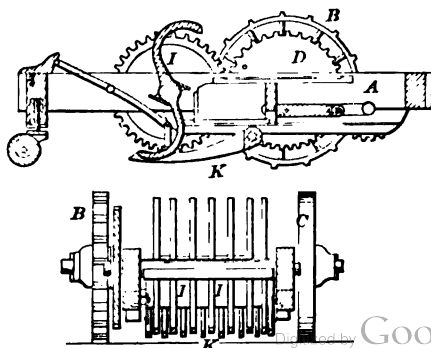
76126—M. S. Wilcox—For Setting Wheels on Axles.

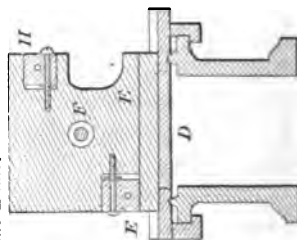
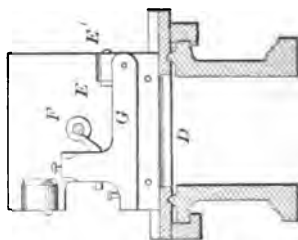
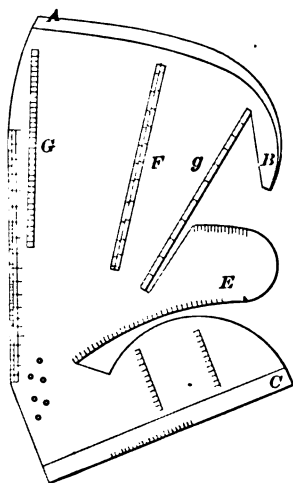
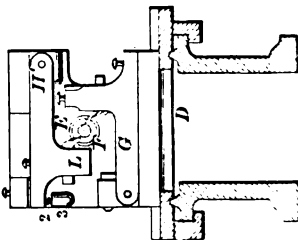
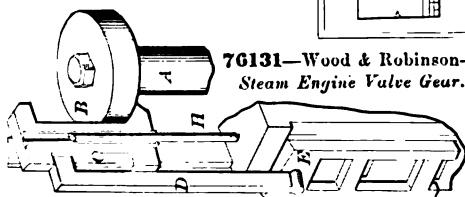
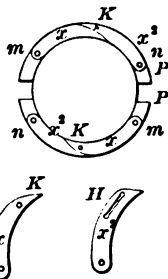
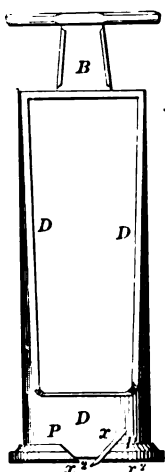
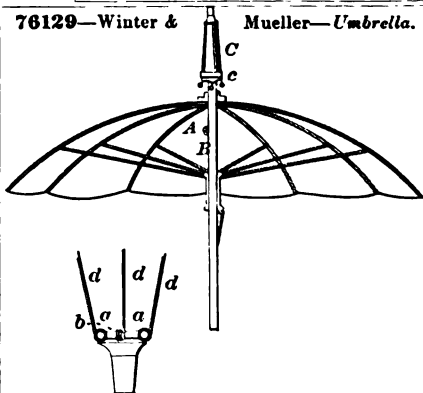
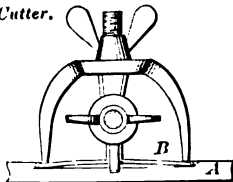
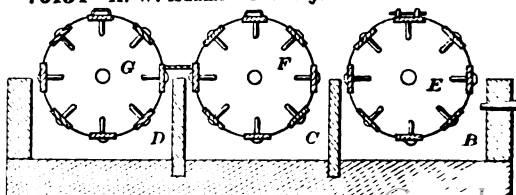


76125—J. M. Wheeler—For Cleaning Boiler Flues.

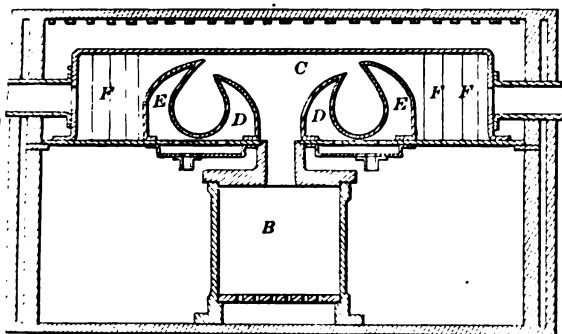


76127—M. H. Wiley—Potato Digger.

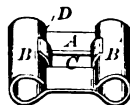


76128—S. R. Windle—*Dress Cutting Measure.***76130**—A. Wood—*Engine Lathe.***76131**—Wood & Robinson—*Steam Engine Valve Gear.***76132**—S. H. Yocum—*Post Hole Auger.***76129**—Winter & Mueller—*Umbrella.***76135**—E. M. Allen—*Harvester Cutter.***76134**—H. W. Adams—*Tanning.*

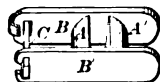
76136—J. Amory—Hot Air Furnace.



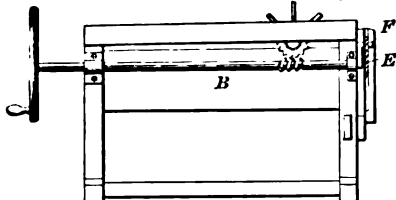
776141—J. W. Barnum—Cotton Bale Tie.



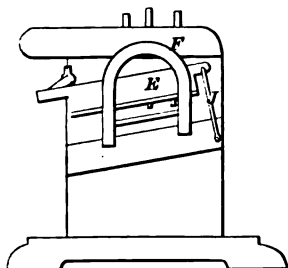
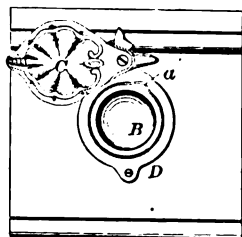
76144—J. W. Barnum—Cotton Bale Tie.



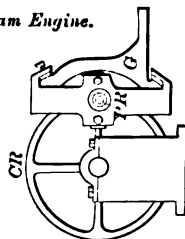
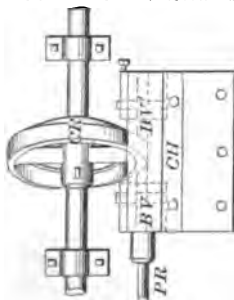
76137—J. J. Andrew—Straw Cutter.



76138—H. L. Andrews—Inkstand.



76139—N. Atherton—Steam Engine.



76143—J. W. Barnum—Cotton Bale Tie.

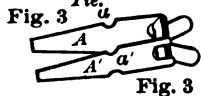
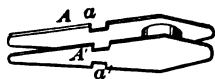
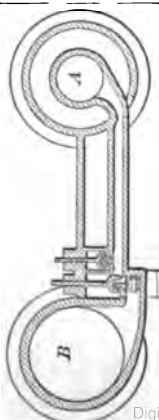
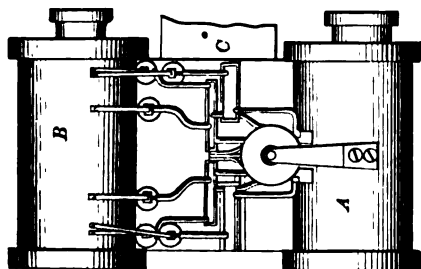


Fig. 3



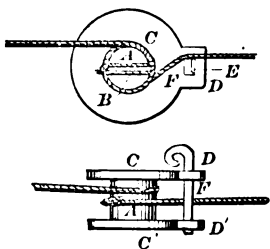
76140—C. W. Baldwin—Steam Engine.



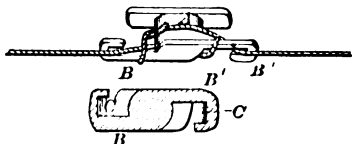
76142—J. W. Barnum—Cotton Bale Tie.



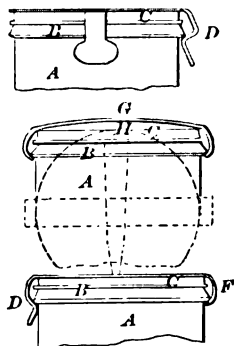
76145—J. W. Barnum—Cotton Bale Tie.



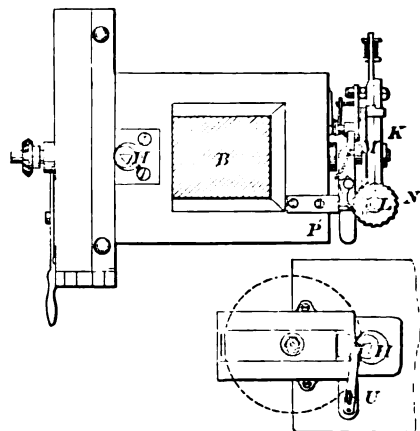
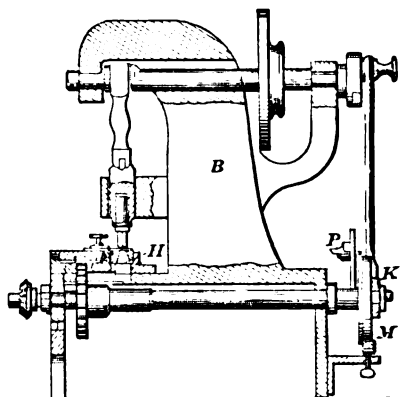
76146—J. W. Barnum—Cotton Bale Tie.



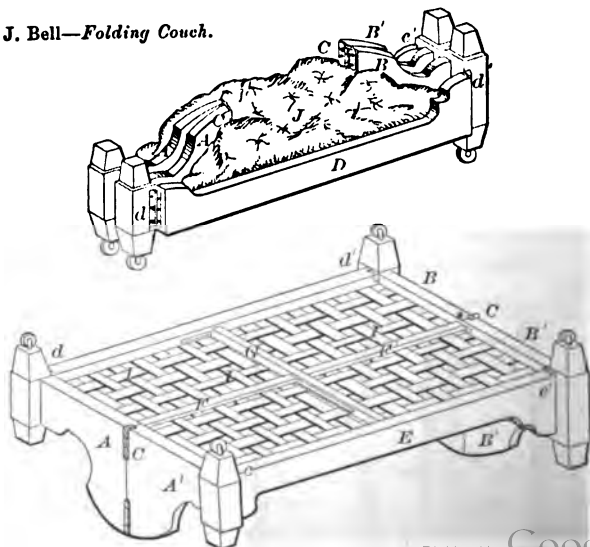
76149—J. Bellerjean—Sealing Cann.



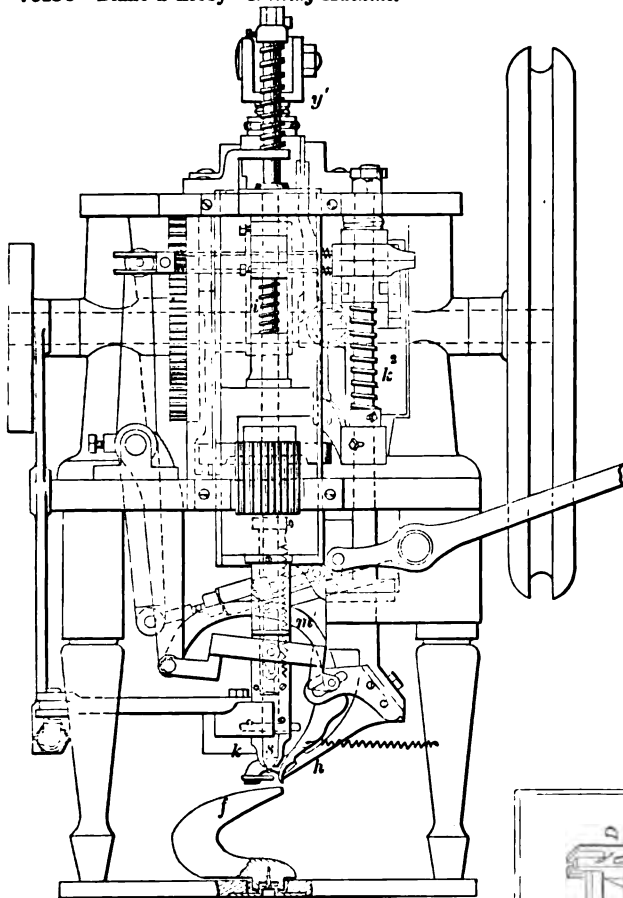
76147—A. Bartholf—Saw Gunming Machine.



76148—A. J. Bell—Folding Couch.



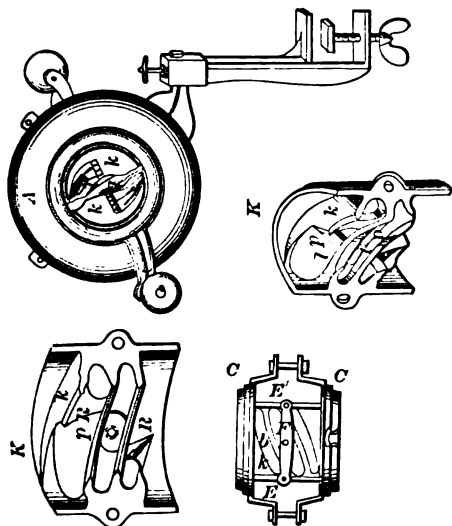
76150—Blake & Libby—Nailing Machine.



76153—C. W. Bowlsby—Government Revenue Stamp.

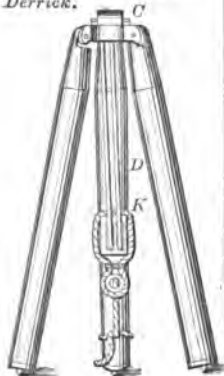
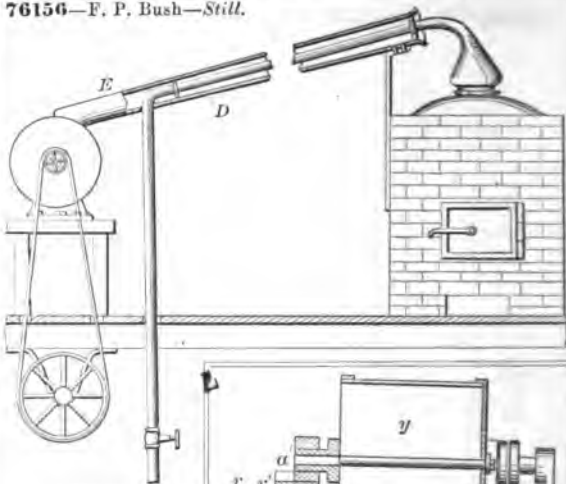
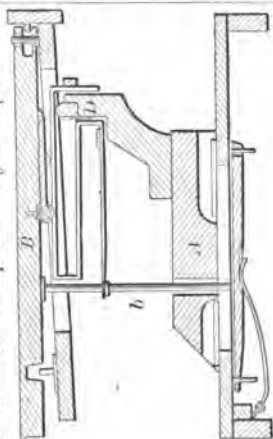
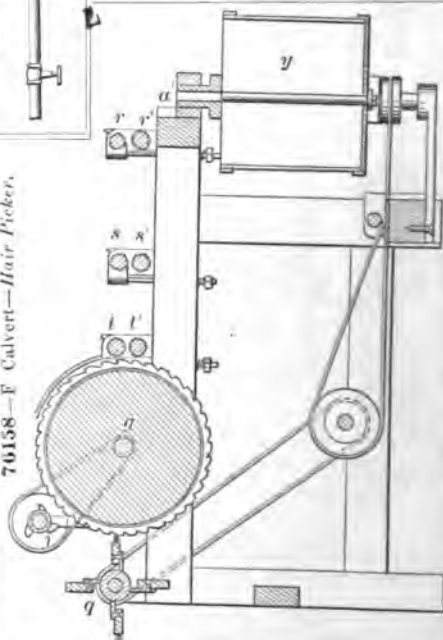
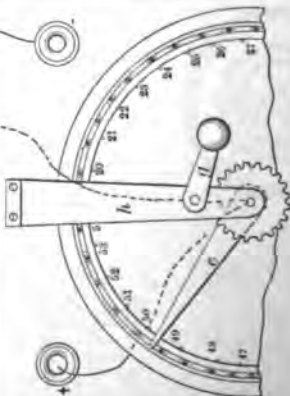
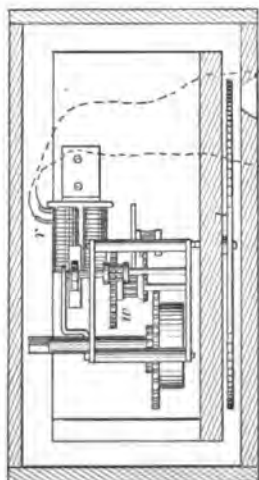


76154—C. H. Brady—Corn Shelter.

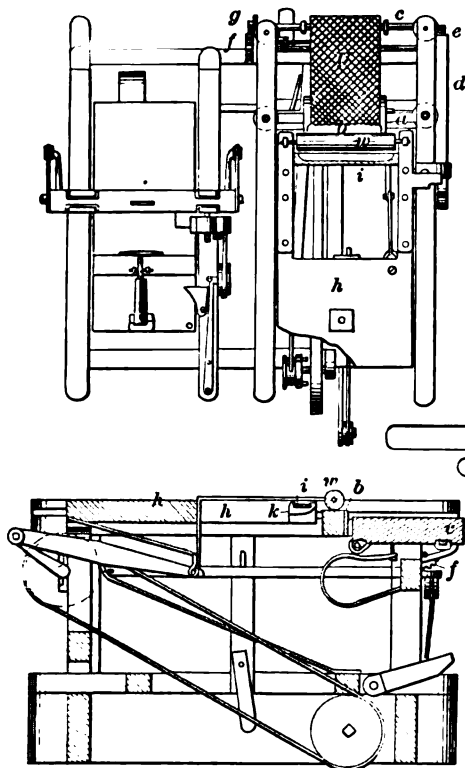


76151—L. W. Bosart—Portable Wire Fence.

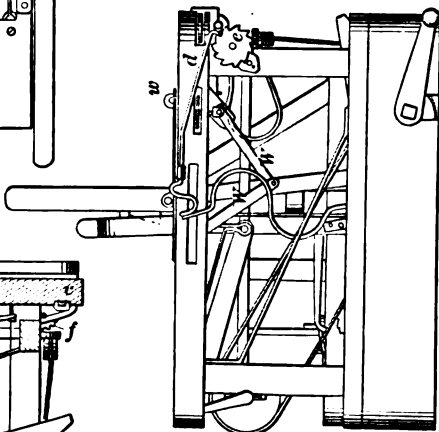
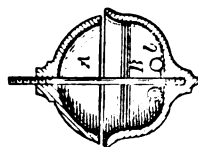


76155—G. C. Brown—*Derrick.*76156—F. P. Bush—*Still.*76159—R. W. Carpenter—*Organ Coupler.*76158—F. Culvert—*Hair Picker.*76157—E. A. Calahan—*Telegraphic Indicator.*

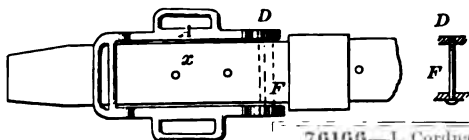
76160—J. F. Chambers—*Shingle Machine.*



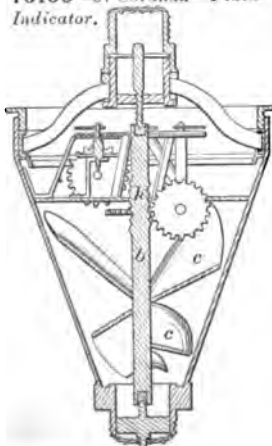
76163—E. G. Cone—*Sleigh Bell.*



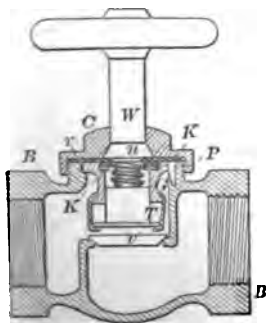
76162—G. P. Cole—*Tug Buckle.*



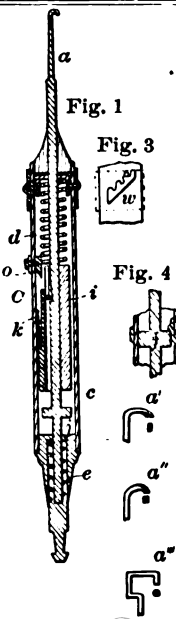
76166—J. Cordnan—*Fluid Indicator.*



76164—W. S. Cooper—*Globe Valve.*



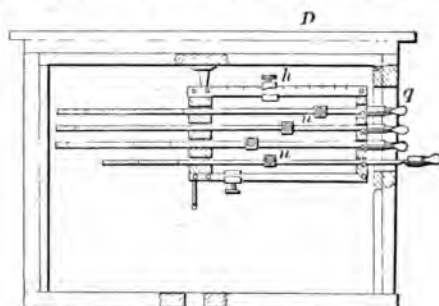
76161—E. Coburn, Jr.—*Tooth Plugger.*



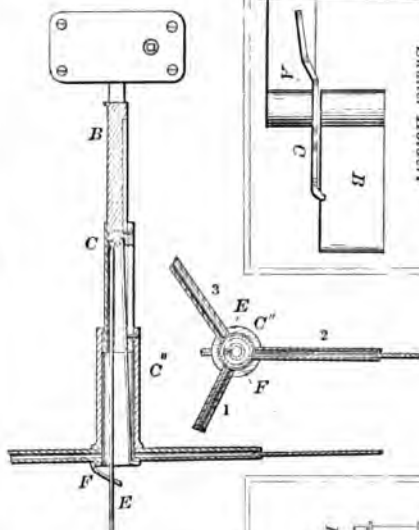
76168—J. W. Currier—*Sap Bucket.*



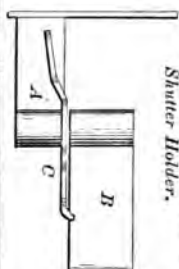
76169—A. B. Davis—*Box for Scale Beams.*



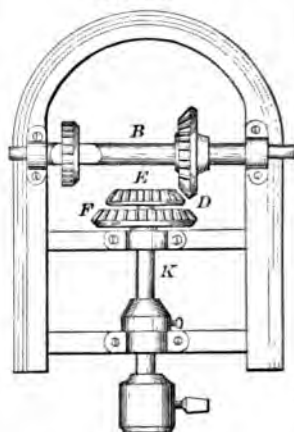
76174—I. S. Eastman—*Rotary Fan.*



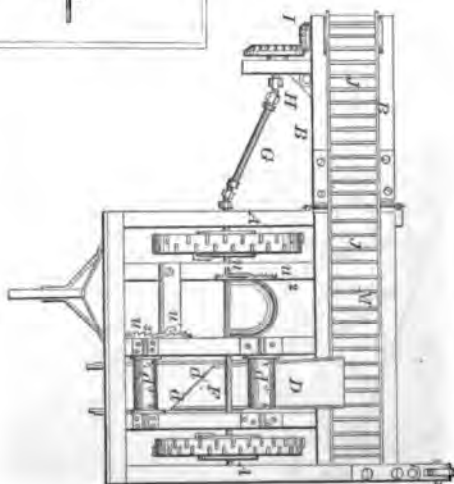
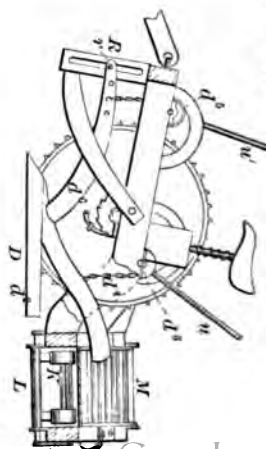
76170—C. R. Doane—*Window
Shutter Holder.*



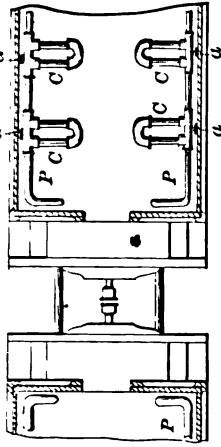
76171—Dool & White—*Boring
Machine.*



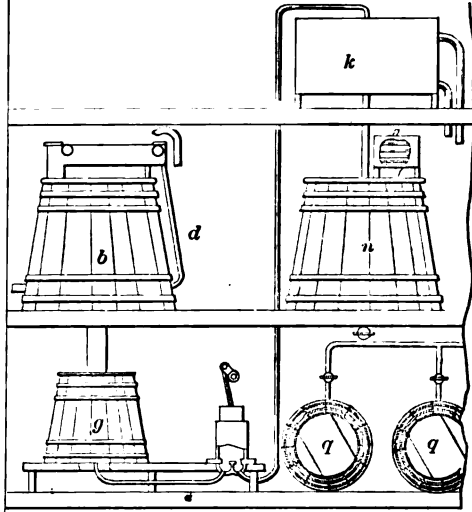
76172—A. C. Becker—*Ditching Machine.*



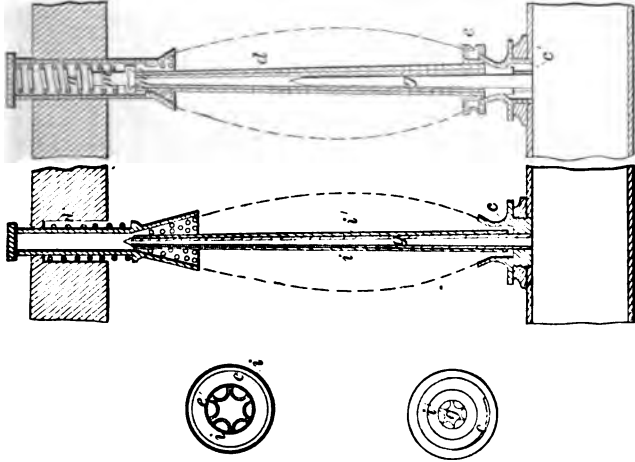
76175—G. W. Eddy—For Warming Cars.



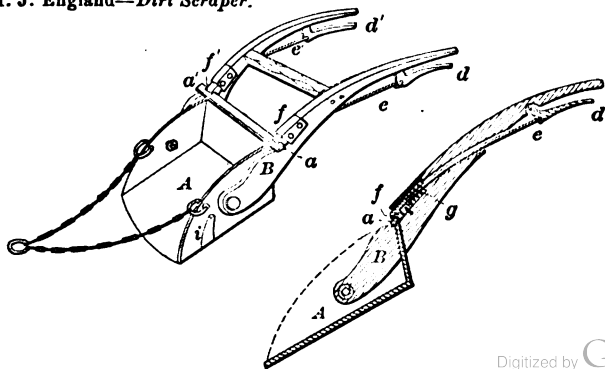
76177—W. H. Elliott—For Brewing Beer.



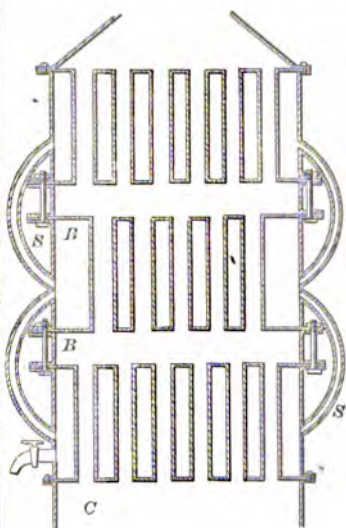
76178—Elliott & Osgood—For Dyeing and Bleaching Yarn.



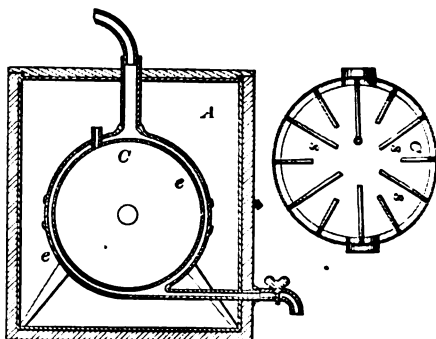
76179—H. J. England—Dirt Scraper.



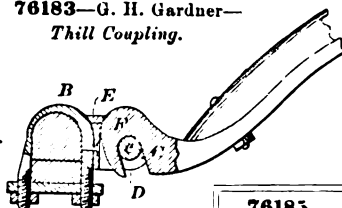
76180—A. S. Foster—*Steam Generator.*



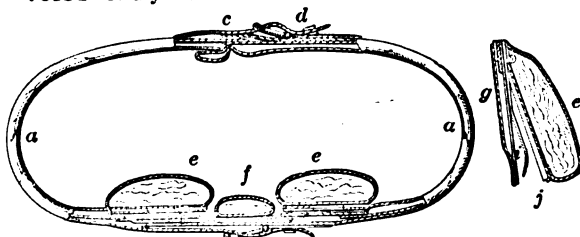
76181—H. C. Fowler—*For Cooling Liquids.*



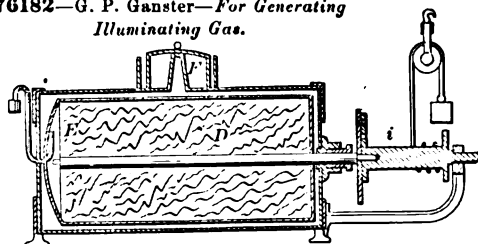
76183—G. H. Gardner—*Thill Coupling.*



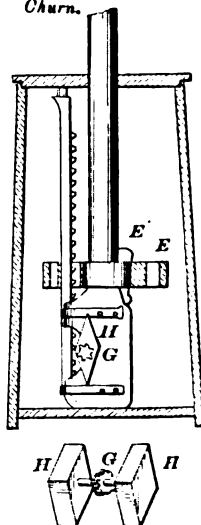
76184—J. Glydon—*Truss.*



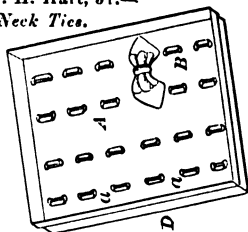
76182—G. P. Ganster—*For Generating Illuminating Gas.*



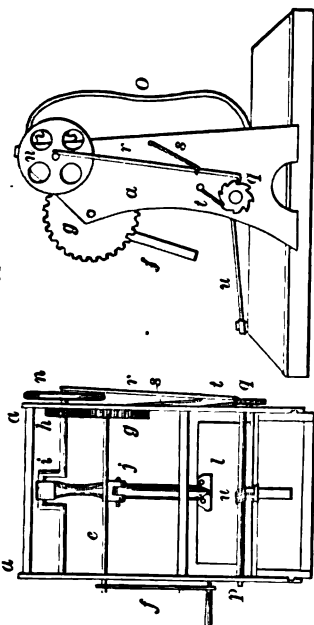
76185—
E. T. Harlan—*Churn.*



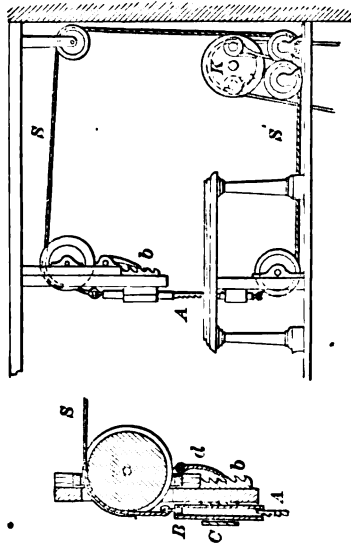
76186—W. H. Hart, Jr.—*Packing Neck Ties.*



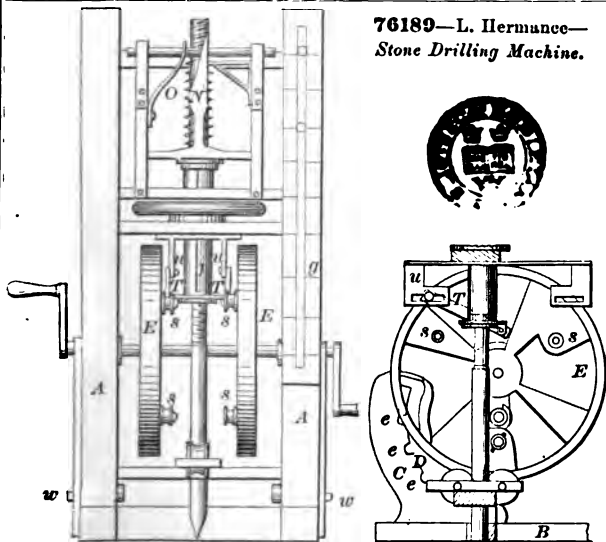
76187—N. L. Hatch—Meat Chopper.



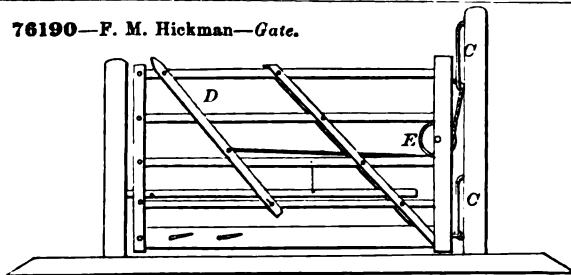
76191—H. D. Hinternesch—Saw Mill.



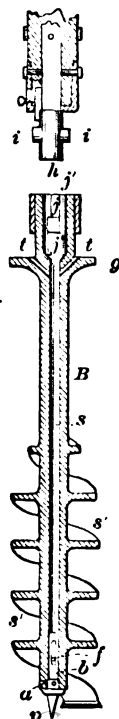
76189—L. Hermance—Stone Drilling Machine.

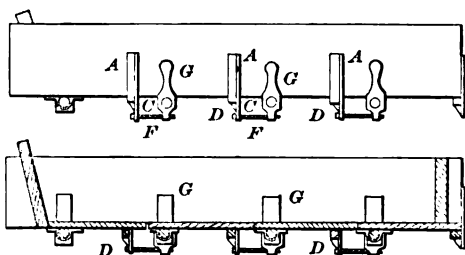
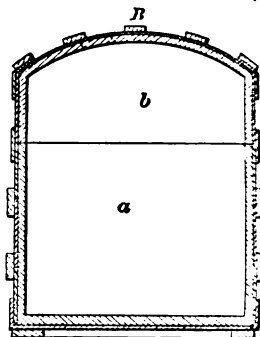
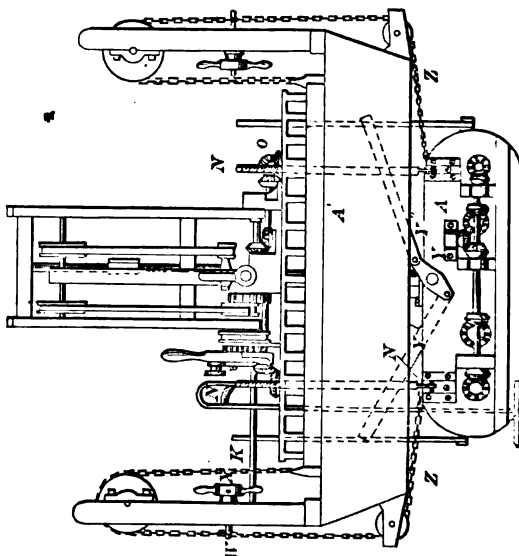
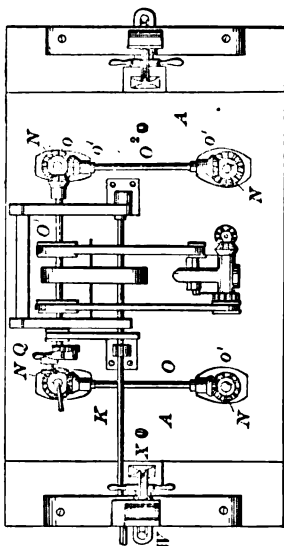
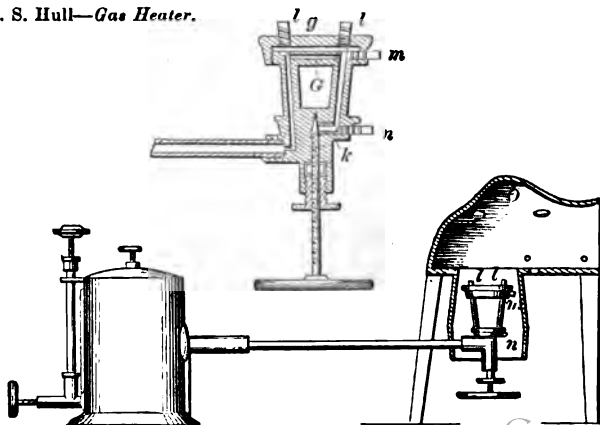


76190—F. M. Hickman—Gate.

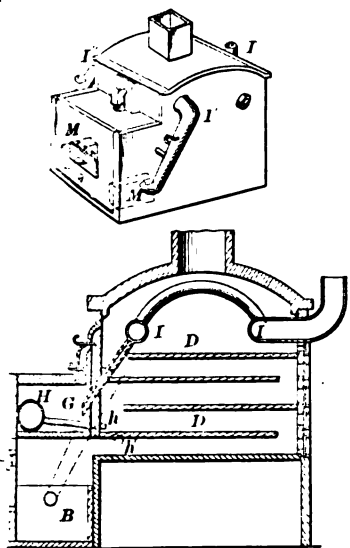


76188—J. W. Heath—Earth Boring Auger.

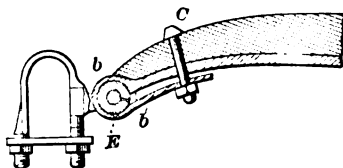


76192—J. Holmes—*Dumping Wagon.*76193—C. Horton—*Trunk.*76194—G. Howell—*For Filling Marshes.*76195—J. S. Hull—*Gas Heater.*

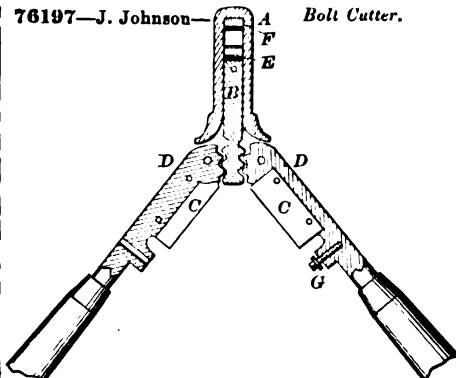
76196—J. Jameson—For the
Manufacture of Iron.



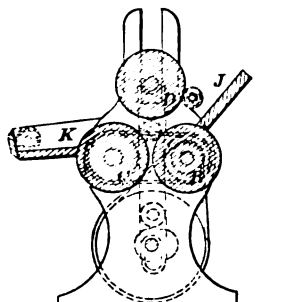
76198—P. Jones—Thill Coupling.



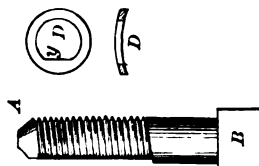
76197—J. Johnson—Bolt Cutter.



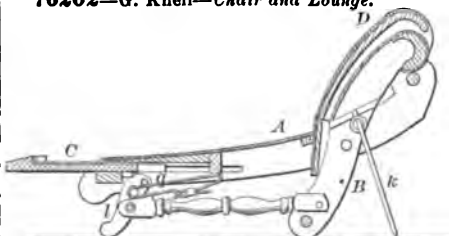
76199—W. C. Joslin—For Rolling
"Cots" on Drawing Rollers.



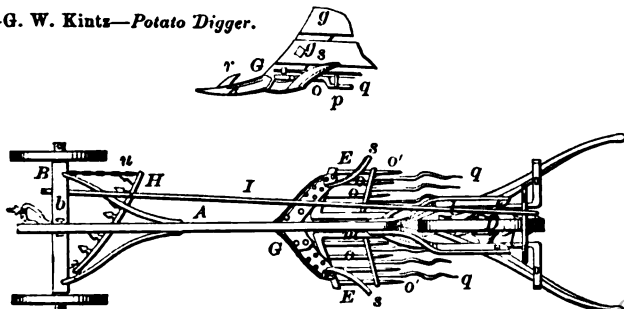
76201—S. W. Kirk—Lock Nut.



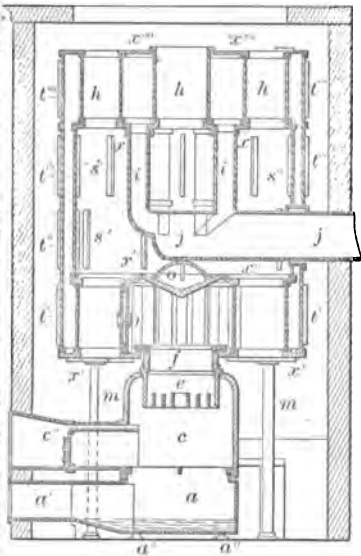
76202—G. Knell—Chair and Lounge.



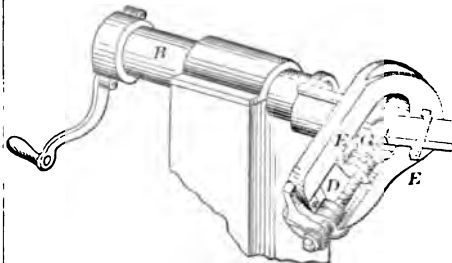
76200—G. W. Kintz—Potato Digger.



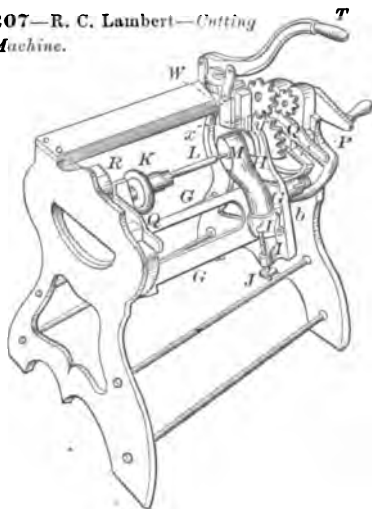
76203—A. Knobel—Hot Air Furnace.



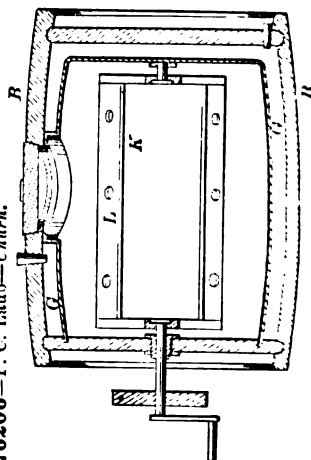
76205—F. Kraus—Hollow Auger.



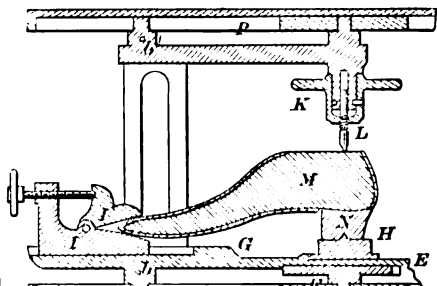
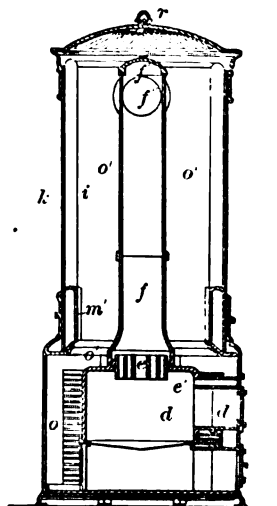
76207—R. C. Lambert—*Cutting Machine.*



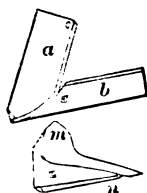
70206—P. C. Laub—Churn.



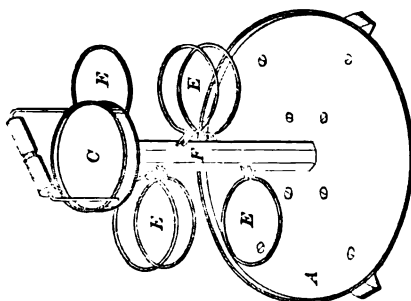
76204—A. Knobel—Coal Store.



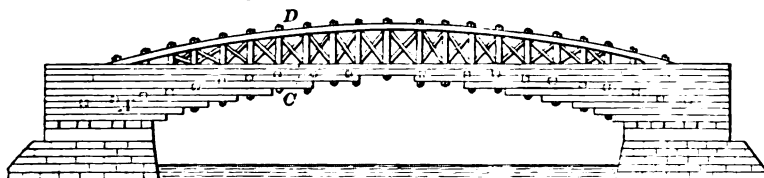
76208—J. Lane—*Plow.*



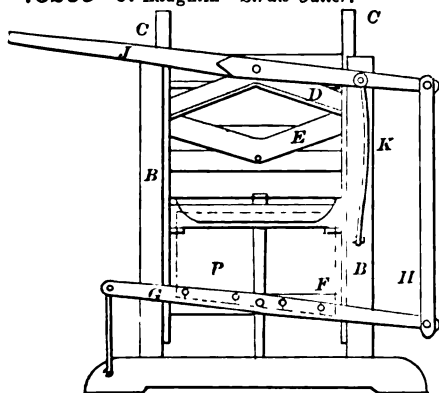
76211—J. C. Libbey—*Table Waiter.*



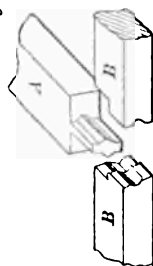
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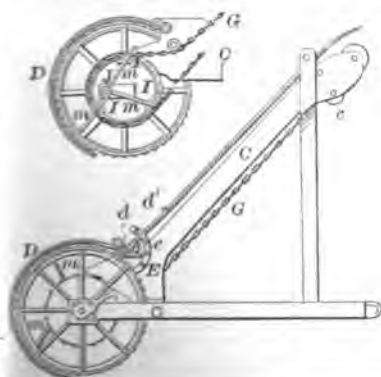
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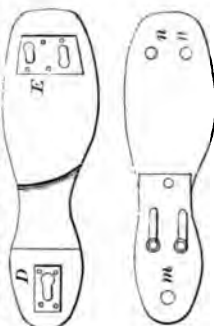
76210—W. J. Lewis—*For Heating Bolt.*



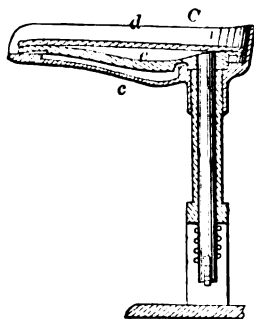
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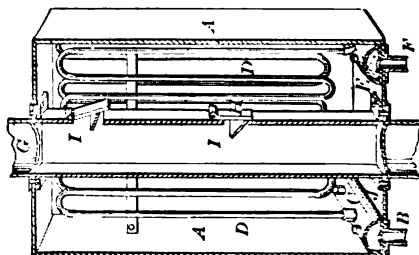
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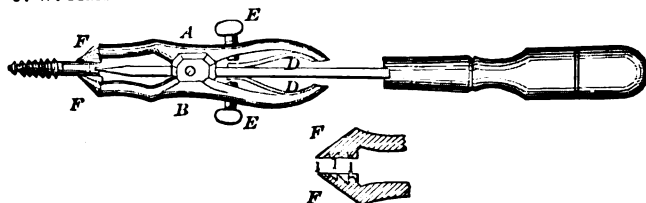
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Lining Boots and Shoes.



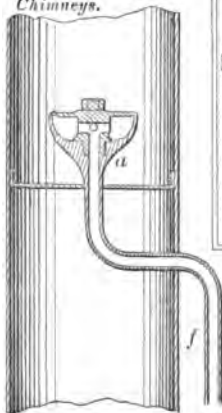
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Steam Generators.



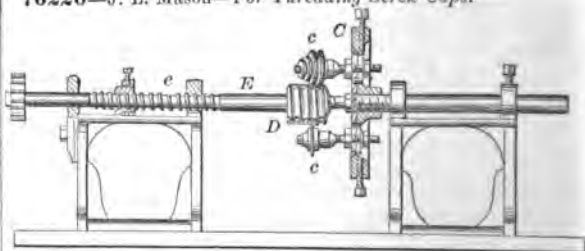
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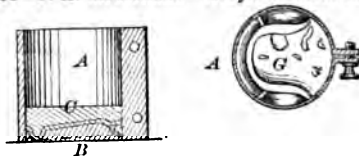
76219—W. H. Martin—
Creating Draft in
Chimneys.



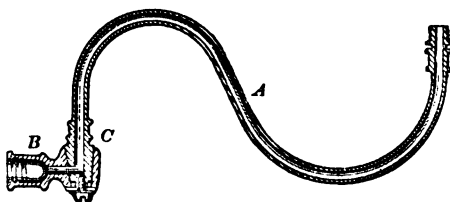
76220—J. L. Mason—For Threading Screw Caps.



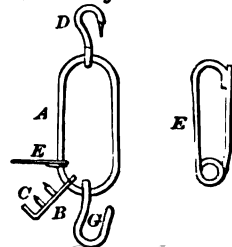
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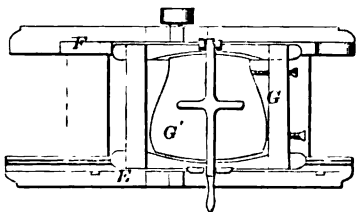
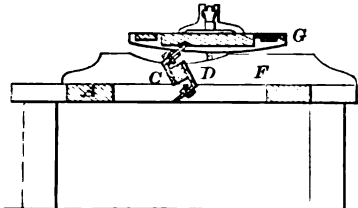
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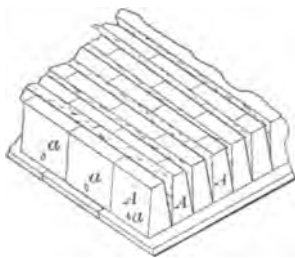
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and Package Holder.



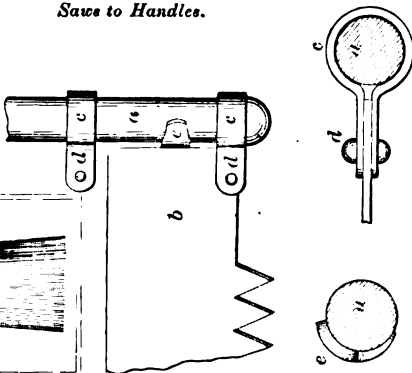
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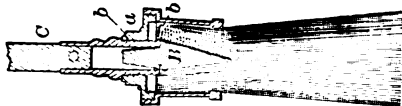
76227—Miller & Mason—*Wood Pavement.*



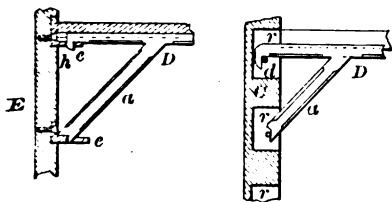
76228—W. P. Miller—*Attaching Cross Cut Saws to Handles.*



76230—J. W. Moore—*Paint Brush.*



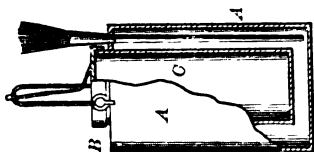
76232—E. S. Moore—*Shelf Bracket.*



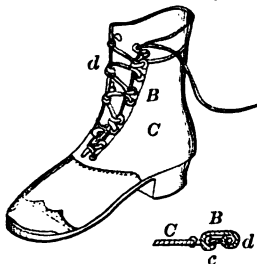
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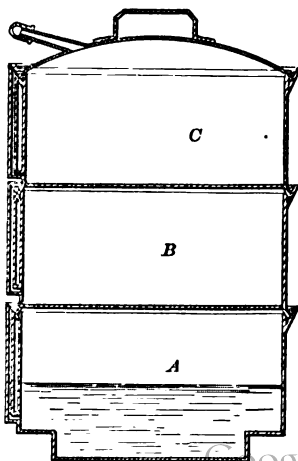
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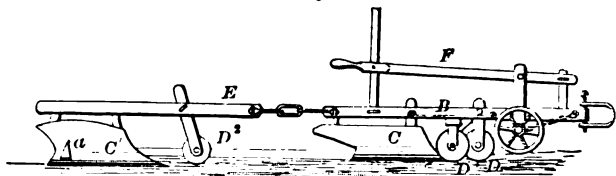
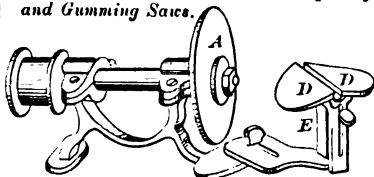
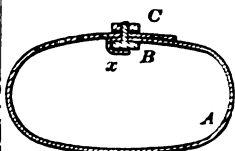
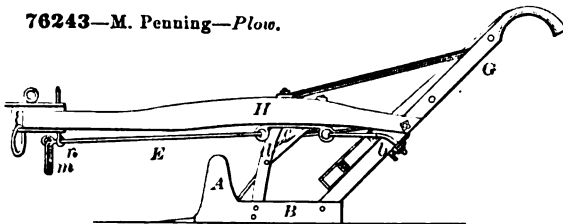
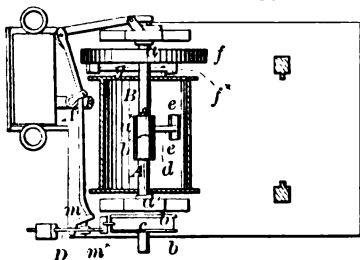
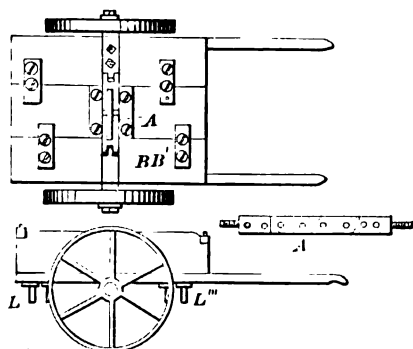
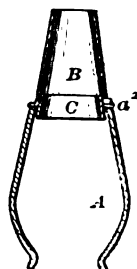
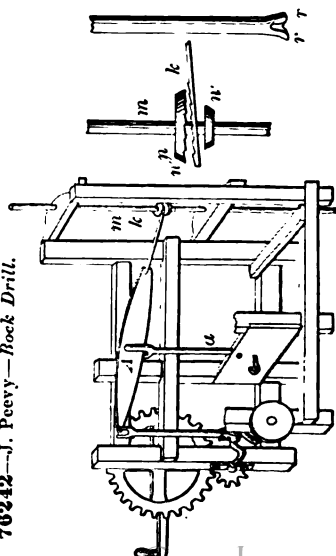


76234—J. Nealey, Jr.—*Lacing Device.*

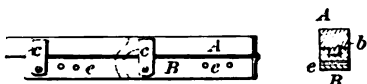


76231—F. Morandi—*Culinary Apparatus.*

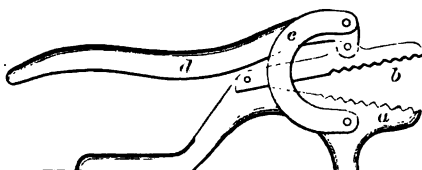


76237—W. A. Nichols—*Ditching Machine.***76236**—A. W. Newhall—*For Sharpening and Gumming Saws.***76238**—H. W. Oliver, Jr.—*Band for Baling Cotton.***76243**—M. Penning—*Plow.***76240**—C. R. Otis—*Hoisting Apparatus.***76241**—F. Parkerson—*Wheelbarrow.***76239**—Onions & Roberts—*Lamp Chimney.***76242**—J. Peavy—*Rock Drill.*

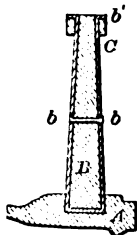
76246—C. Powers—*Clamp for Holding Palm Leaf Warp.*



76247—E. L. Pratt—*Nut Cracker.*

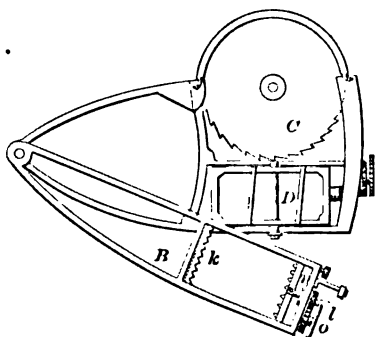


76248—W. Richardson—*Basket Holder.*

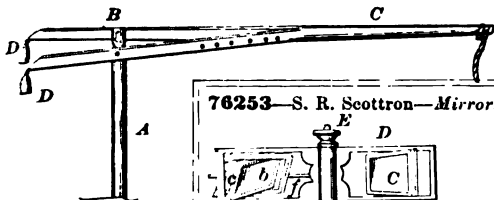


76249—P. R. Ridgely—*Wagon Wheel.*

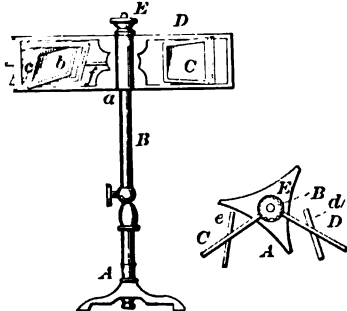
76250—D. W. Roche—*Shingle Machine.*



76251—J. Scribner—*Animal Tether.*



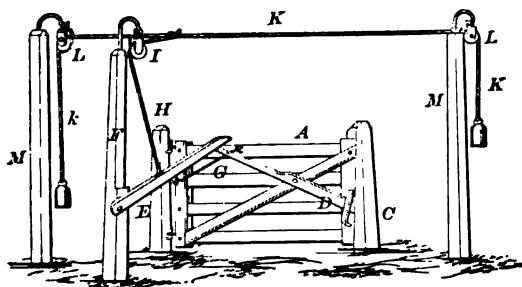
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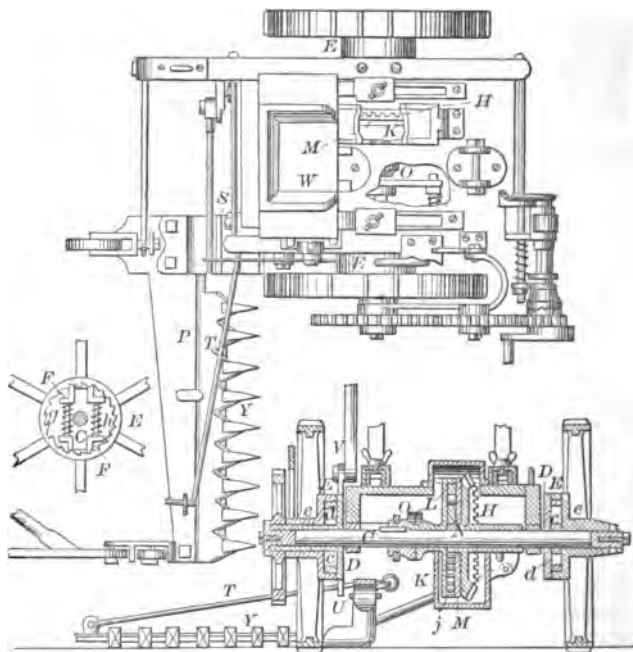
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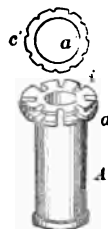
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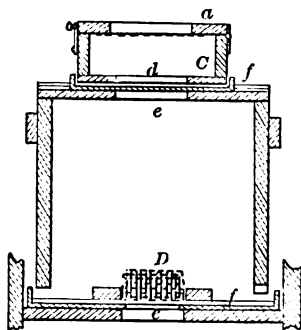
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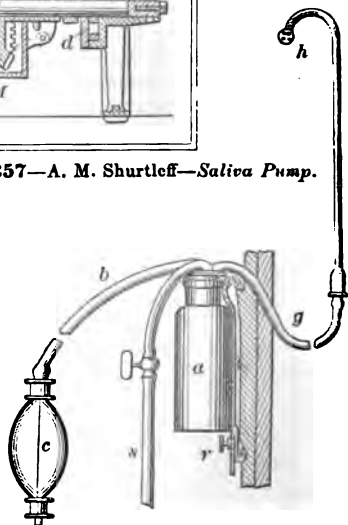
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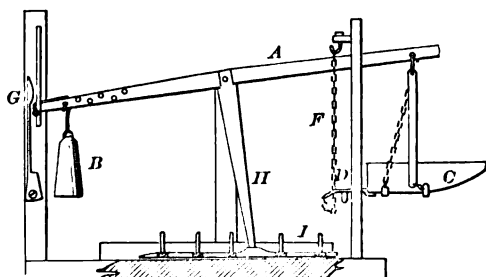
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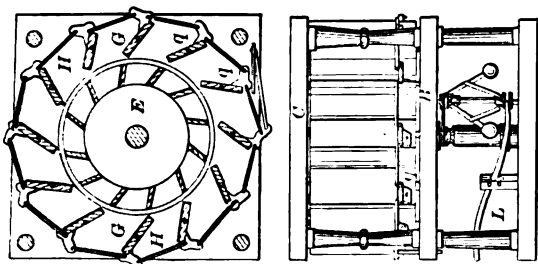
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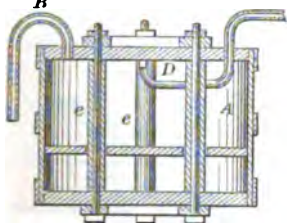
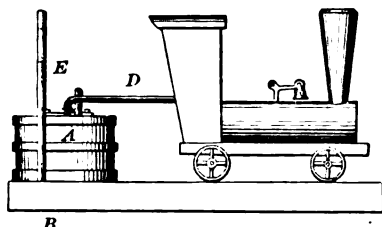
76260—J. H. Soule—Milk Stirrer.

76262—A. H. Southwick—
Heel Protector.

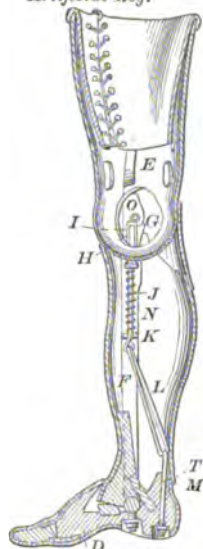
76261—A. H. Southwick—Windmill.



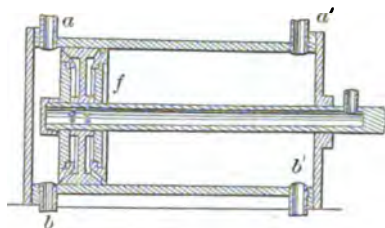
76264—C. L. Stevens—Steam Water Elevator.



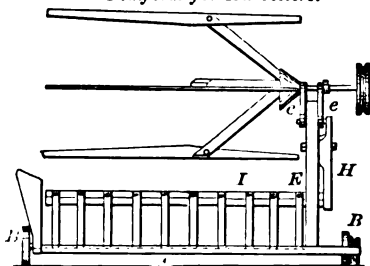
76267—A. Strasser—Artificial Leg.



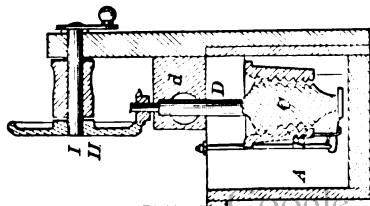
76268—W. Swayne—Piston.



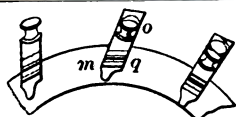
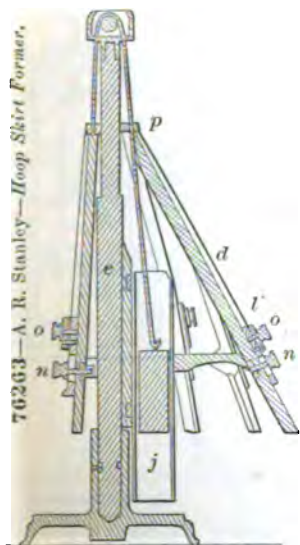
76269—C. R. & J. O. Taber—Dropping Platform for Harvesters.

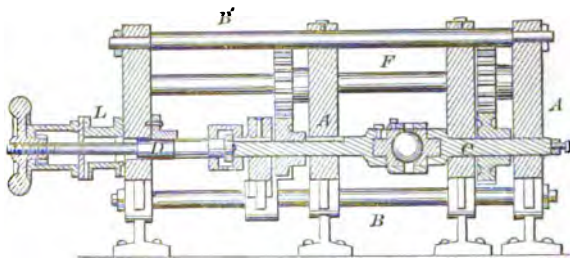
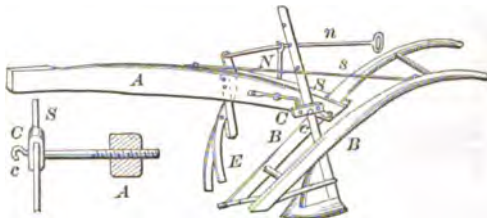
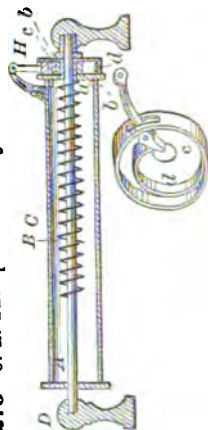
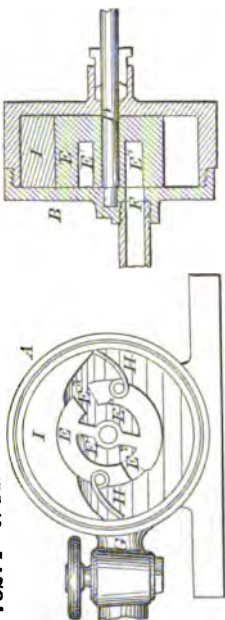
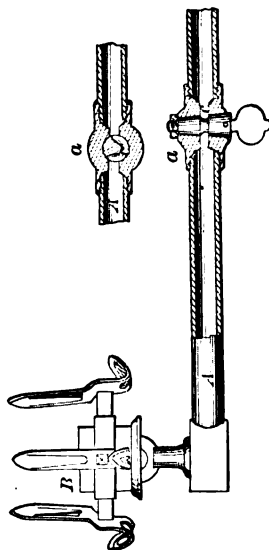
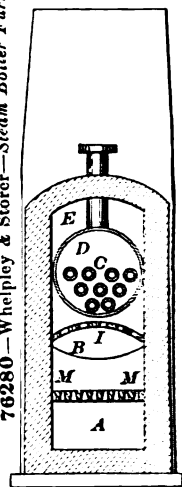
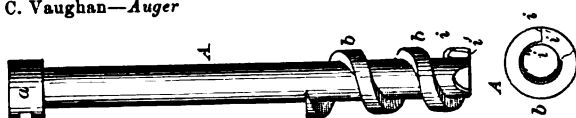


76270—J. Taggart—For Making Paper Pulp.

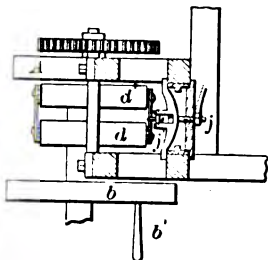
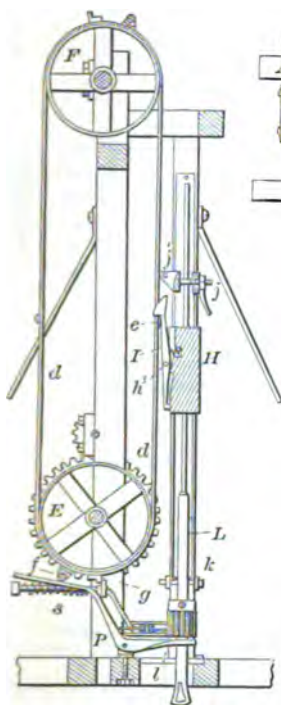


76263—A. R. Stanley—Hoop Shirt Former.

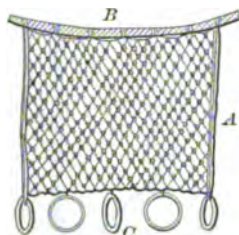


76271—J. B. Tarr—*Manufacture of Spherical Shot and Shell.***76275**—S. D. Tuttle—*Subsoil Plow.***76273**—C. E. Thompson—*Carriage Curtain Ficture.***76274**—C. Turner—*Water Meter.***76277**—S. B. H. Vance—*Gas Burner Cock.***76280**—Whelpley & Storer—*Steam Boiler Furnace.***76278**—A. C. Vaughan—*Auger.*

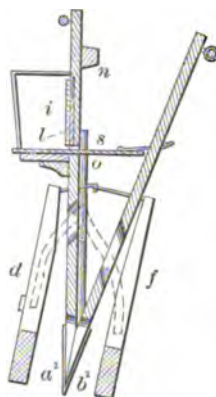
76279—W. Weiler—Rock Drilling Machine.



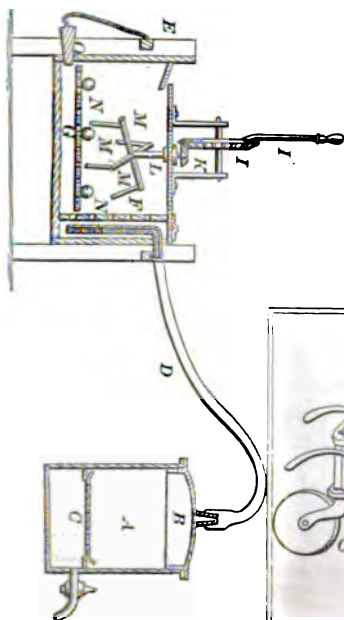
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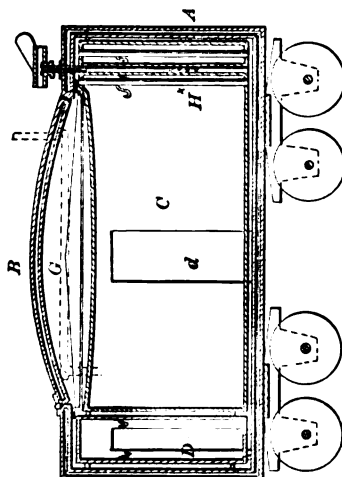
76282—T. H. Wible—Corn Planter.



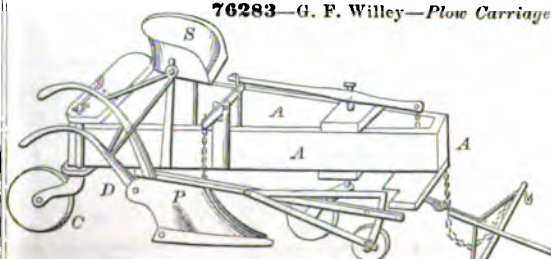
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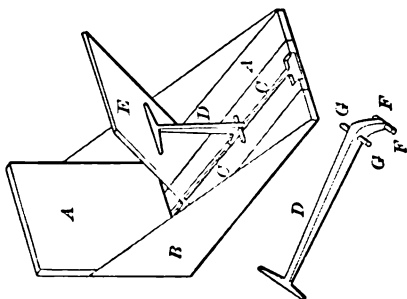
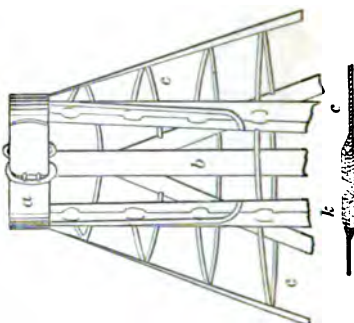
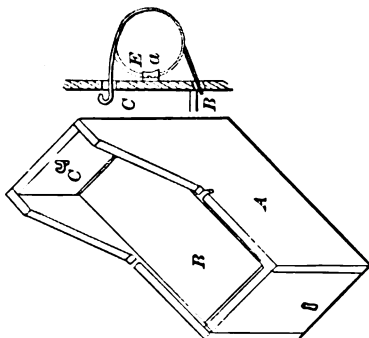
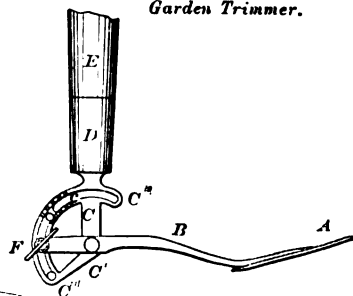
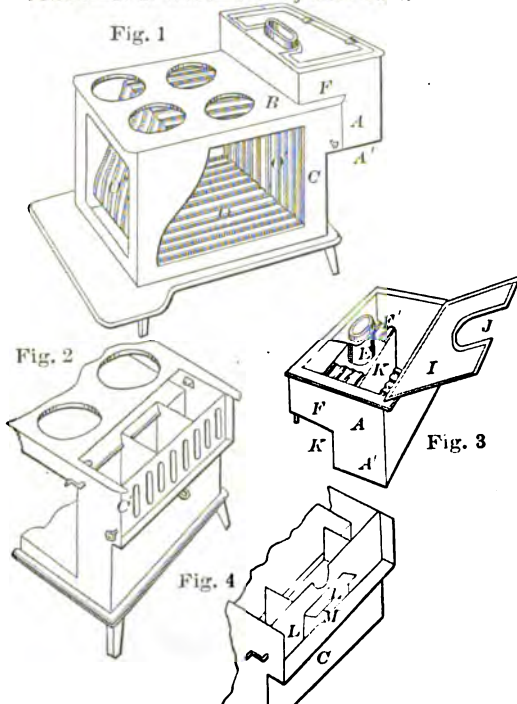
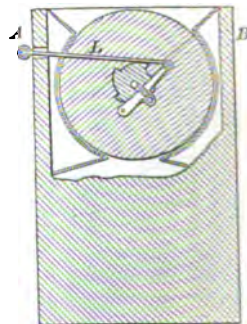
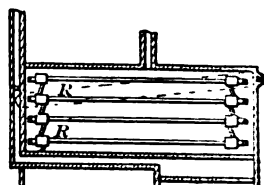


76285—G. K. Wood—Refrigerating Car.

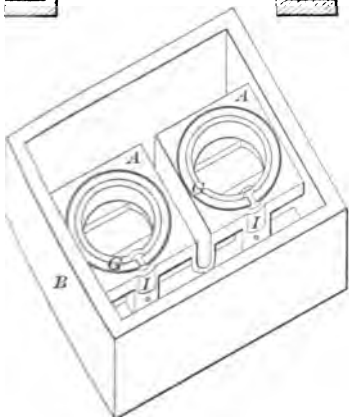
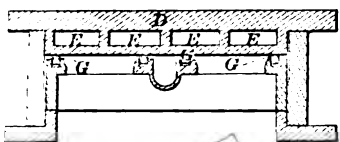


76283—G. F. Willey—Plow Carriage.

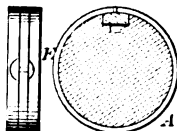


76287—Woodruff & Green—*Paper File.***76291**—A. R. Stanley—*Hoop Skirt.***76289**—W. L. Starr—*Animal Trap.***76288**—I. Pardee—*Scuffle Hoe and Garden Trimmer.***76292**—G. G. Wolfe—*Cooking Stove Tank.***76290**—J. E. Woodruff—*Fare Box for Passenger Cars.***76293**—W. Mullee—*Manufacture of Hard Rubber.*

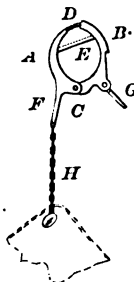
76294—T. A. Bisbee—Slide Valve.



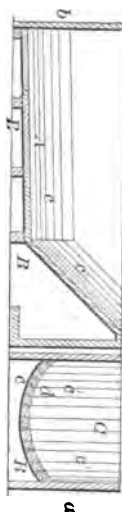
76295—T. A. Bisbee—Piston Packing.



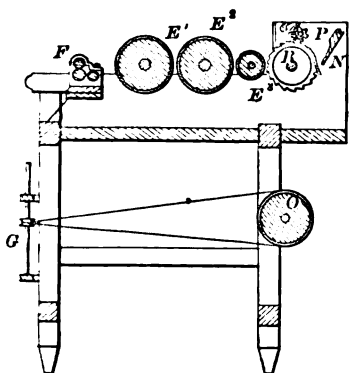
76297—J. Brosius—Safely Pocket Attachment.



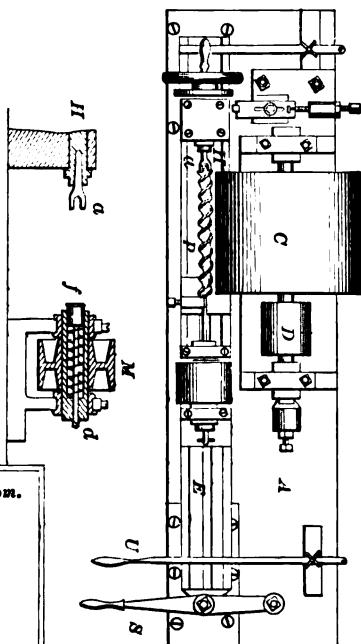
76298—A. C. Brownell—Bath Tub.



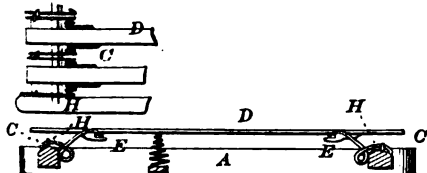
76299—J. E. Burdge—Spinning Machine.

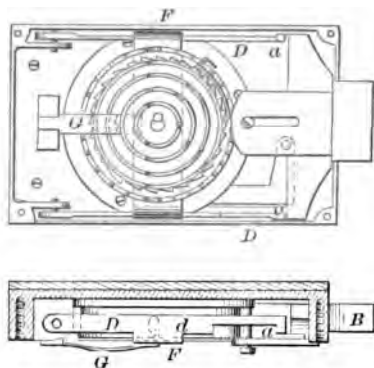
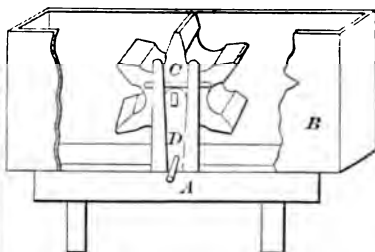
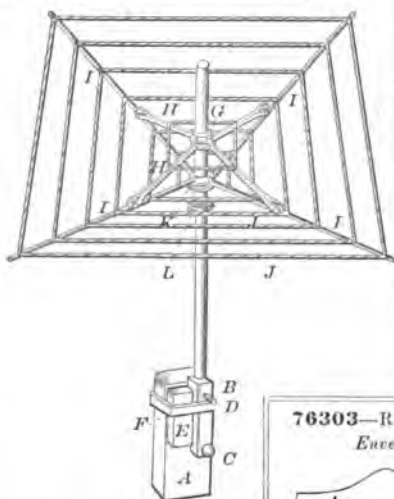
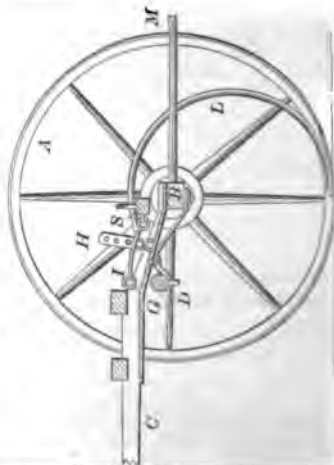
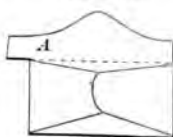
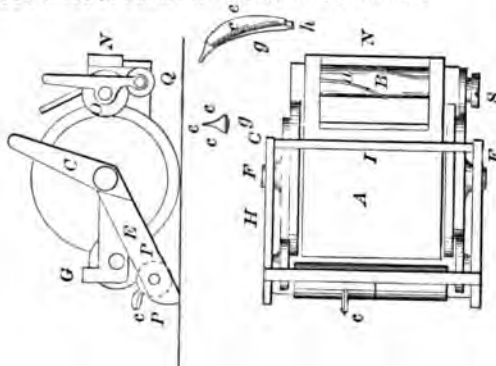
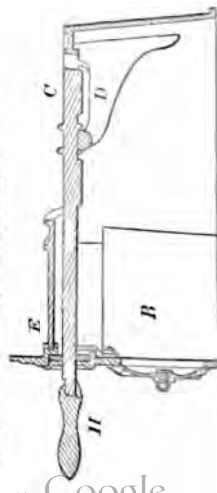


76301—E. O. & E. Carrington—For Grinding and Cutting Down Augers.

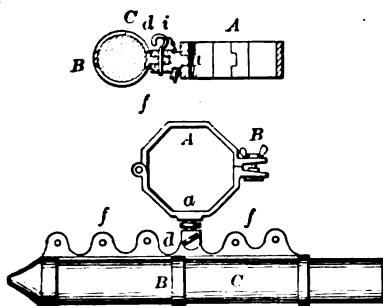


76296—L. R. Bradbury—Spring Bed Bottom.

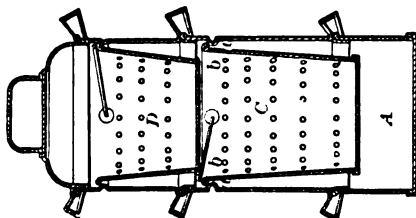


76300—W. C. Bussey—Combination Lock.**76304—J. L. Colburn—Butter Worker.****76305—H. P. Crouse—Clothes Dryer.****76307—G. Deal—Horse Rake.****76303—R. S. Clark—Envelope.****76306—C. G. Curtis—Seed Sower and Cultivator.****76302—A. Chilton—Store Grate.**

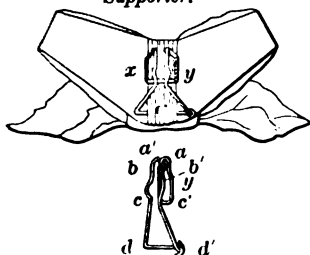
76309—G. Downing—*Spritsail Boom Sling.*



76310—H. L. Duncklee—*Culinary Vessel.*



76312—G. R. Eager—*Necktie Supporter.*



76311—J. Dyer—*Self-Canceling Railway Ticket.*



6313—N. T. Edson—*Washing Machine.*

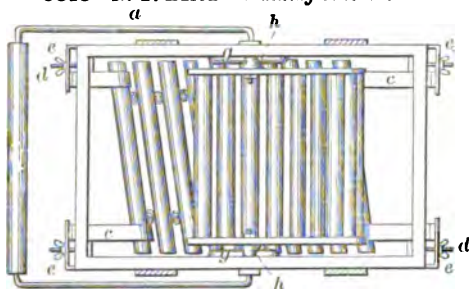
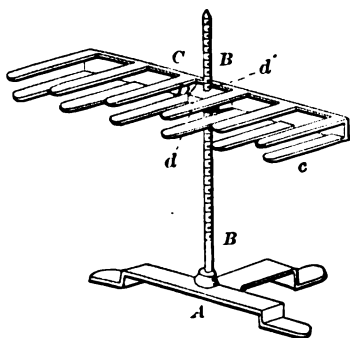
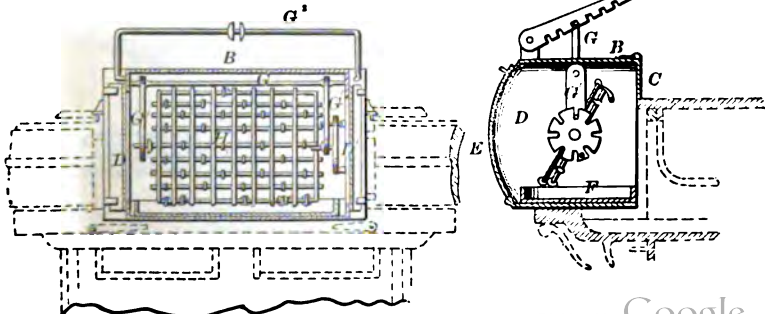


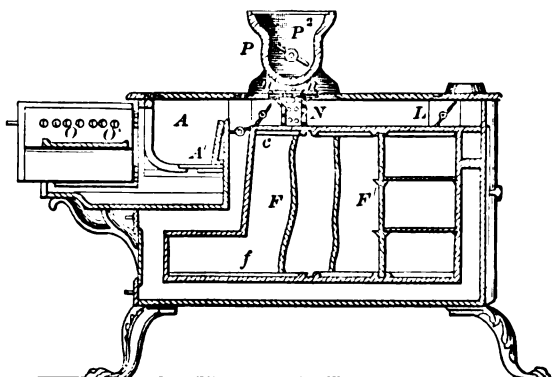
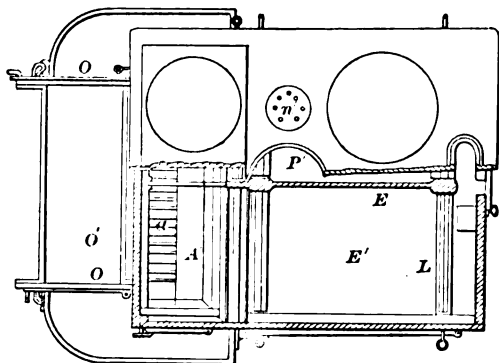
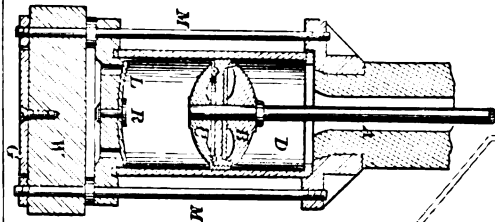
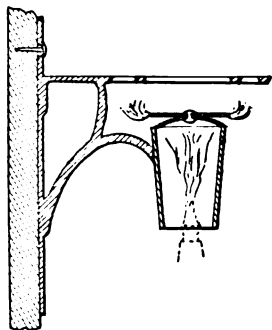
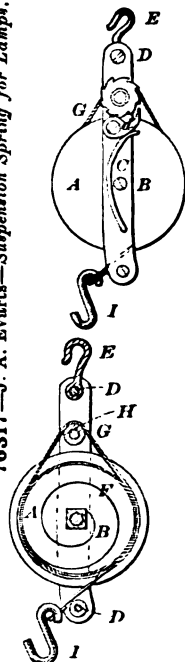
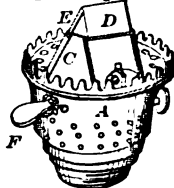
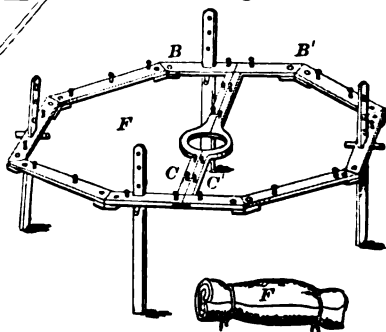
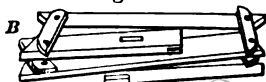
Fig. 4

76316—M. E. A. W. Evard—*Toaster.*

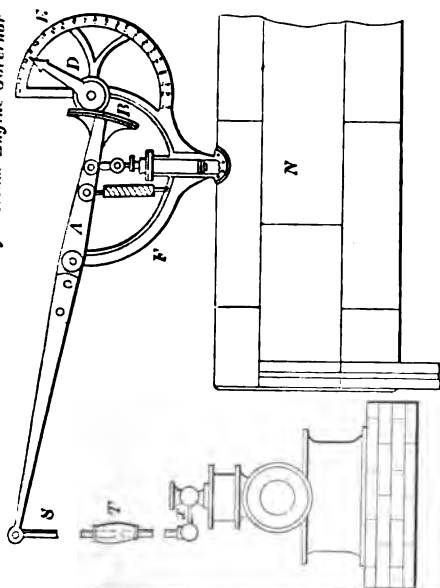


76314—M. E. A. W. Evard—*Broiling Apparatus.*

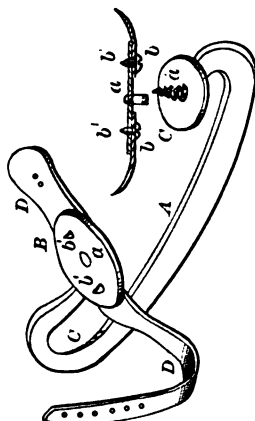


76315—M. E. A. W. Evard—Cooking Stove.**76318**—A. Fisher—Pump.**76321**—M. Germann—Gas Cooking Apparatus.**76317**—J. A. Evarts—Suspension Spring for Lamps.**76319**—J. W. Fowle—Lamp Extinguisher.**76320**—C. W. Gage—Fruit Gatherer.**Fig. 3**

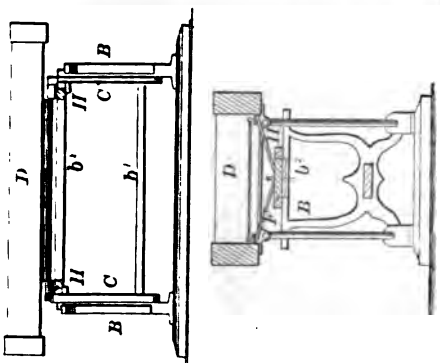
70322—J. W. Gray—Steam Engine Governor



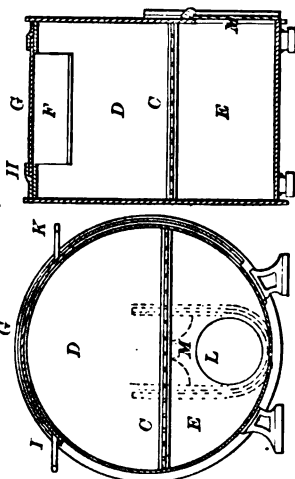
70324—M. C. Haight—Skate



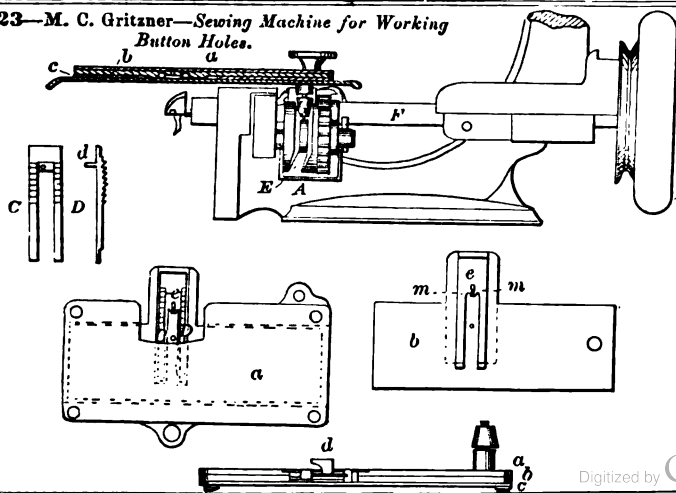
70325—S. B. Holden—Car Seat.



70327—S. S. Hughson—Sifter.



76323—M. C. Gritzner—Sewing Machine for Working Button Holes.



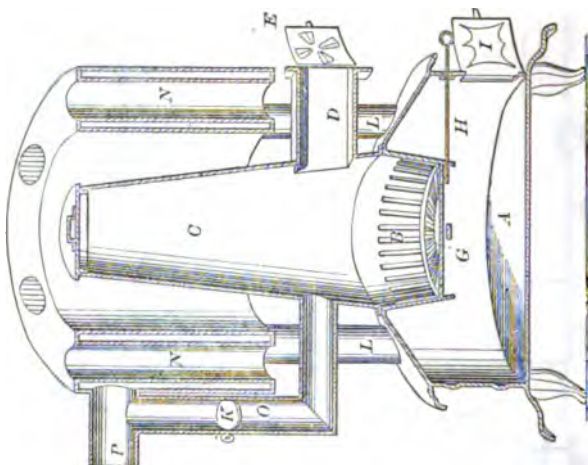
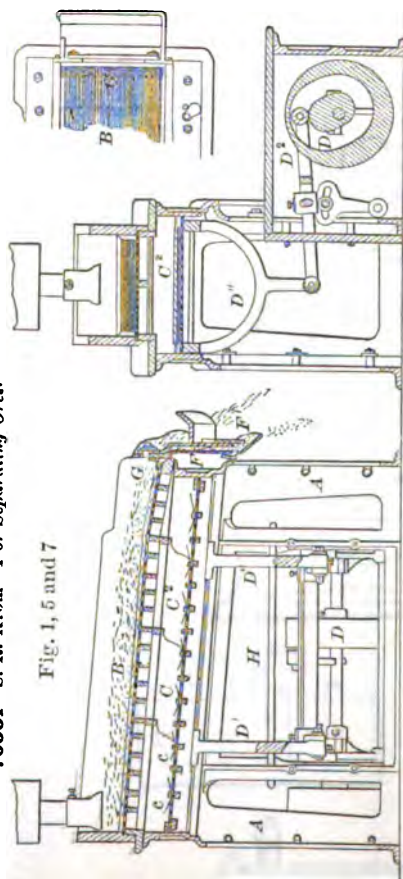
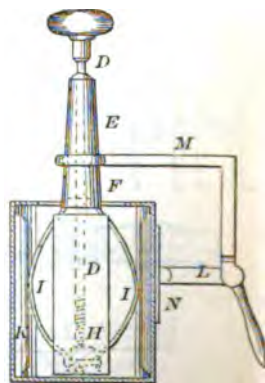
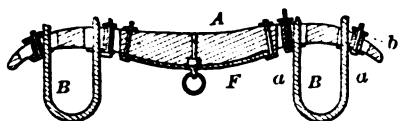
76326—R. Holmes—*Base Burning Stove.***76329**—J. Johnson—*Heating Apparatus.***76331**—S. R. Krom—*For Separating Ore.*

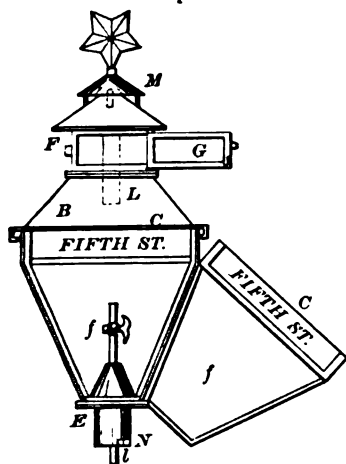
Fig. 1, 5 and 7

76328—Johnson & Birch—*Friction Clutch.***76330**—Kerr & Kelly—*For Holding Cans while being Soldered.*

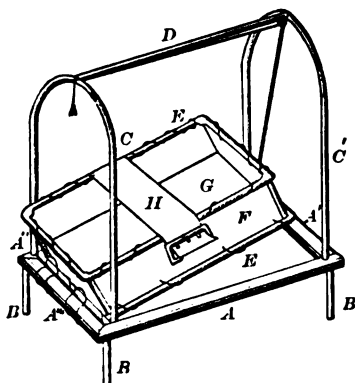
76332—I. W. Little—*Ox Yoke.*



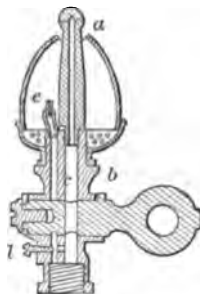
76335—T. T. Markland, Jr.—*Street Lamp.*



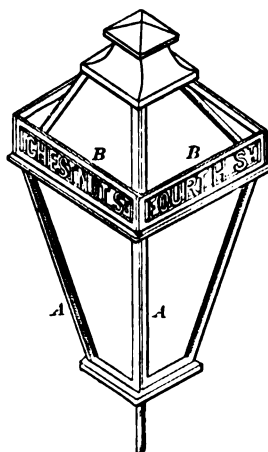
76336—M. E. J. Marr—*Child's Bed.*



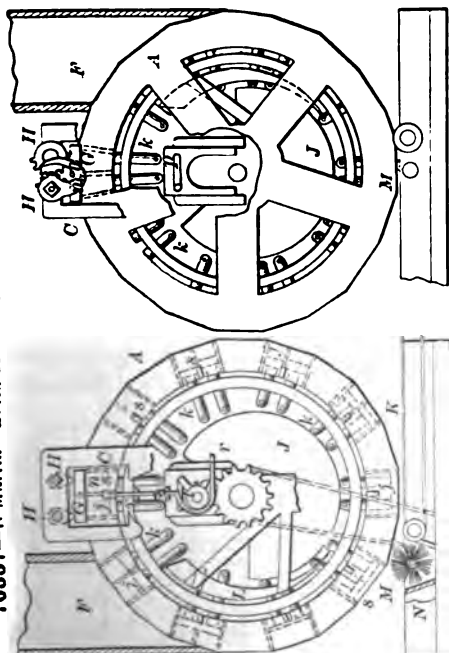
76333—R. B. Locke—*Gas Burner.*

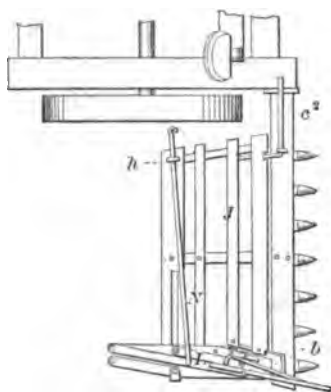
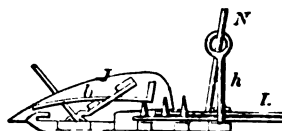
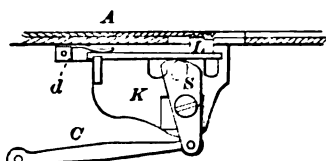
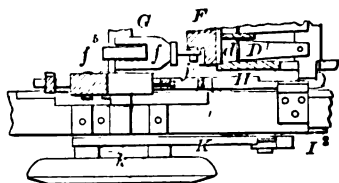
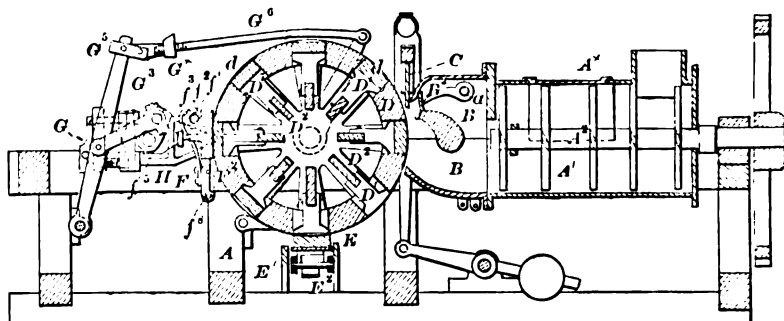
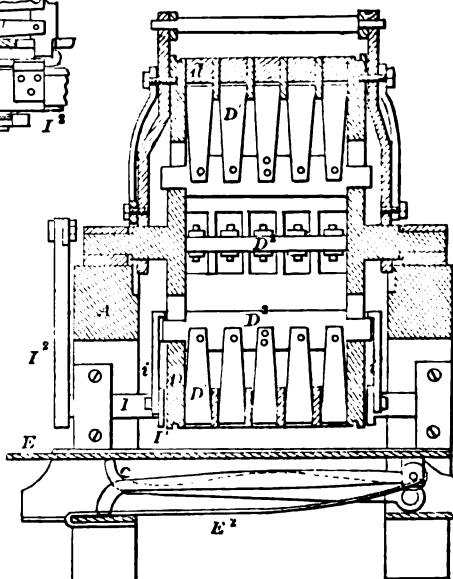
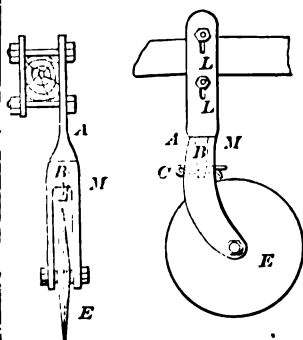


76334—T. T. Markland, Jr.—*Name Plate for Street Lamps.*

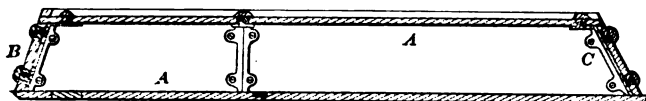


76337—I. Martin—*Brick Machine.*

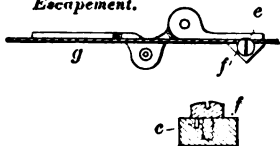


76339—D. Mendenhall—*Harvester Rake.*76340—J. A. Minor—*Sewing Machine.*76341—J. W. Osgood—*Brick Machine.*76343—J. C. Pfeil—*Rotary Cutter for Plows.*

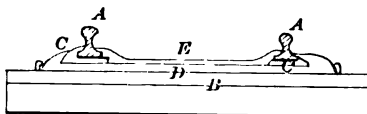
76344—Potter & Jones—Coffin.



76346—G. P. Read—Chronometer Escapement.



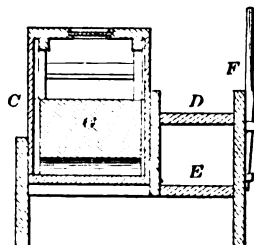
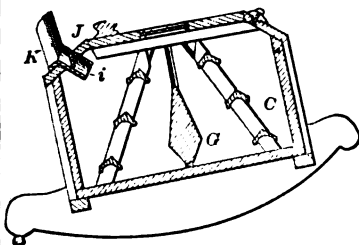
76348—E. Robbins—Railway.



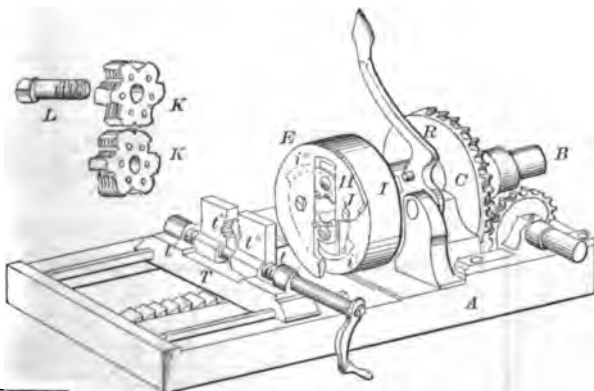
76347—Reeves & Solomon—
Button Hole for Paper Articles of
Wearing Apparel.



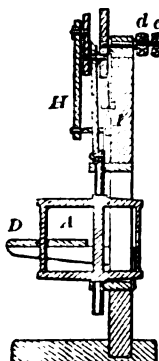
76350—T. Rose—Churn.



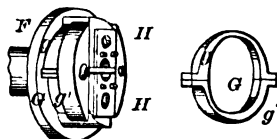
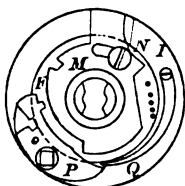
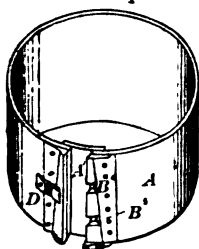
76351—E. Royon—Screw Cutting Machine.

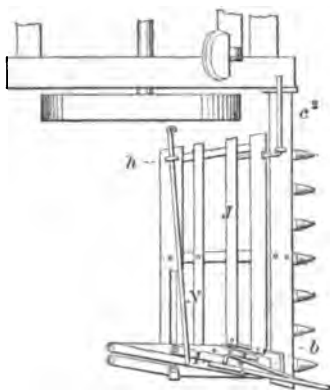
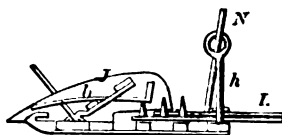
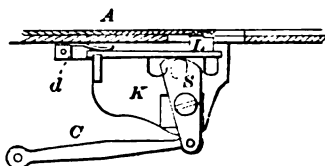
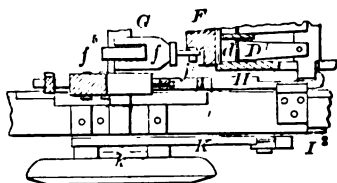
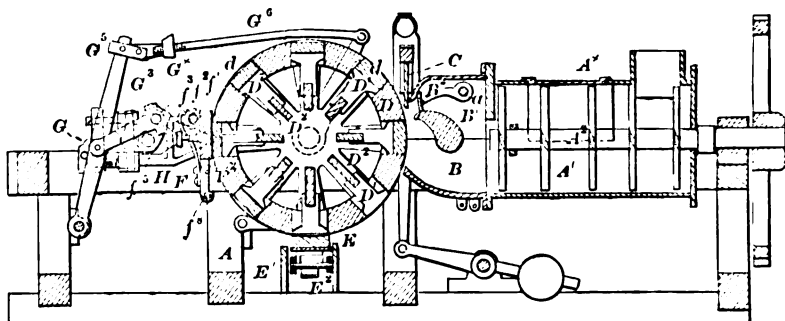
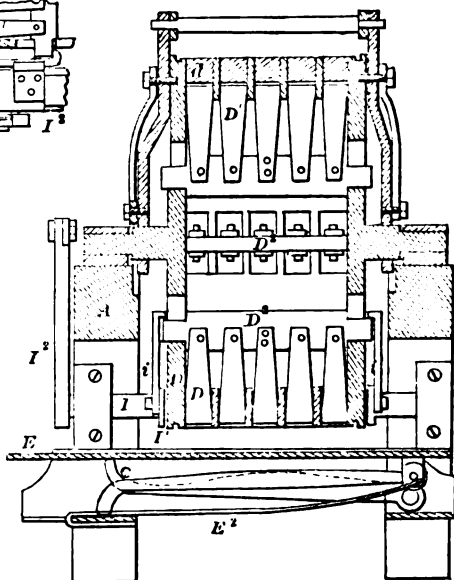
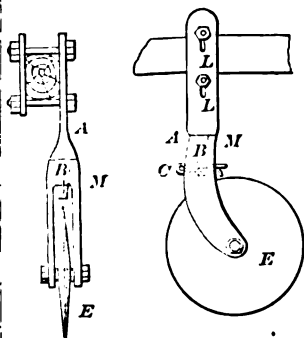


76349—E. Robbins—Screw Saw Mill.

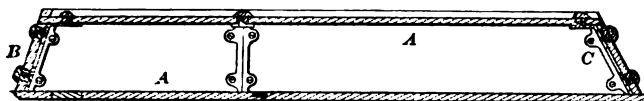


76345—S. Purdy—Cheese
Hoop.

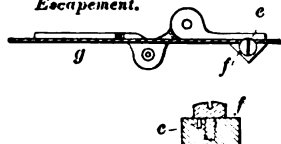


76339—D. Mendenhall—*Harvester Rake.***76340**—J. A. Minor—*Sewing Machine.***76341**—J. W. Osgood—*Brick Machine.***76343**—J. C. Pfeil—*Rotary Cutter for Hoes.*

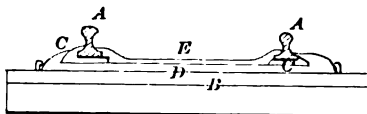
76344—Potter & Jones—Coffin.



76346—G. P. Read—Chronometer Escapement.



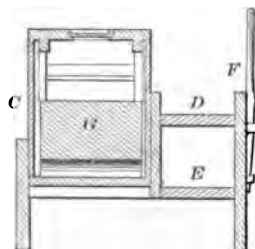
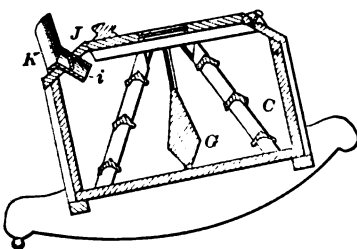
76348—E. Robbins—Railway.



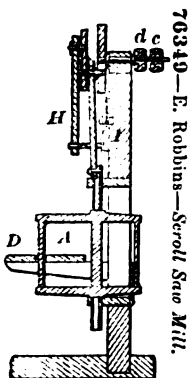
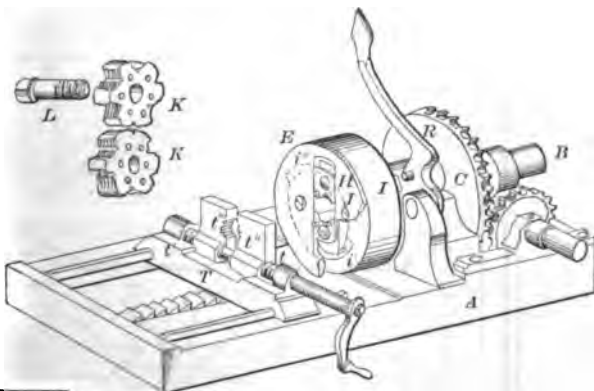
76347—Reeves & Solomon—
Button Hole for Paper Articles of
Weaving Apparatus.



76350—T. Rose—Churn.

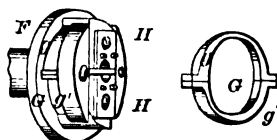
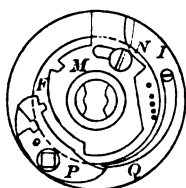
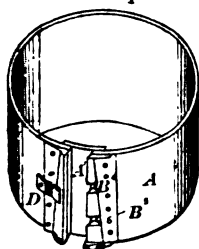


76351—E. Royon—Screw Cutting Machine.

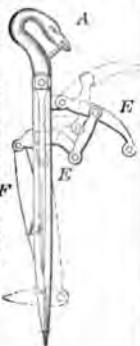


76349—E. Robbins—Screw Mill.

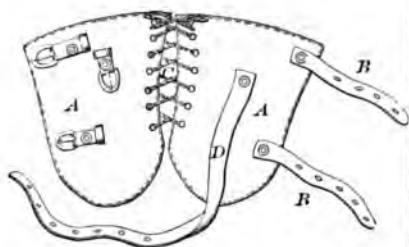
76345—S. Purdy—Cheese Hoop.



76352—P. Schwitzer—Horse Hay Fork.



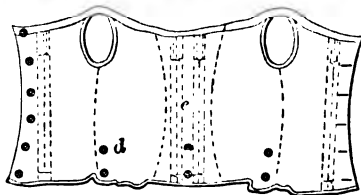
76353—S. B. Sherer—Ankle Brace.



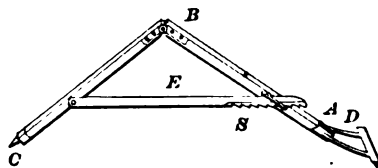
76356—J. A. Stansbury—Hane Lock.



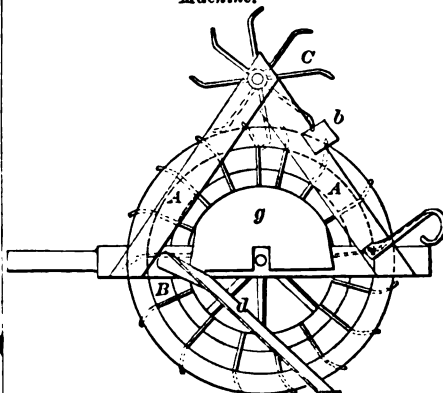
76354—M. B. Solomon—Children's Corsets.



76355—L. B. Southworth—Carpet Stretcher.



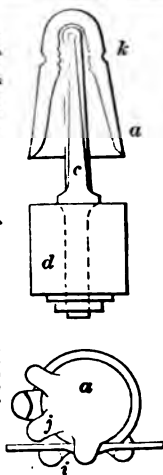
76359—Vaughn & Chamness—Ditching Machine.



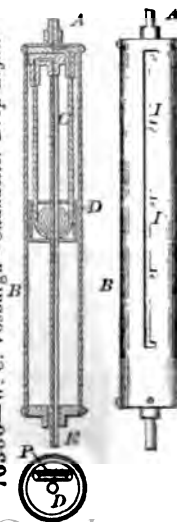
76357—S. Thompson—Attaching Shafts to Vehicles.



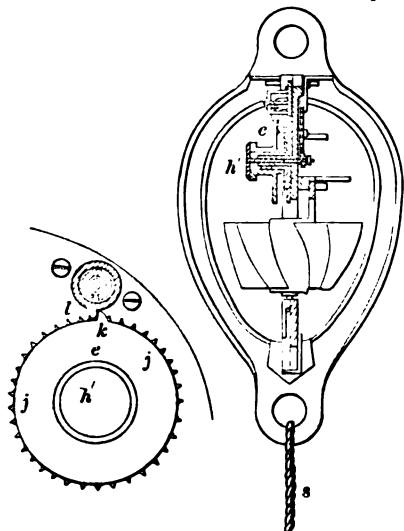
76358—C. F. Varley—Electric Telegraph.



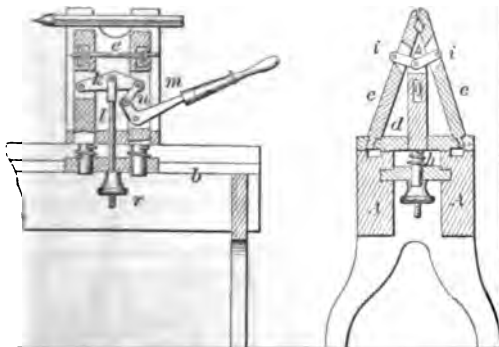
76360—W. C. Vosburgh—Chandelier Drop Light.



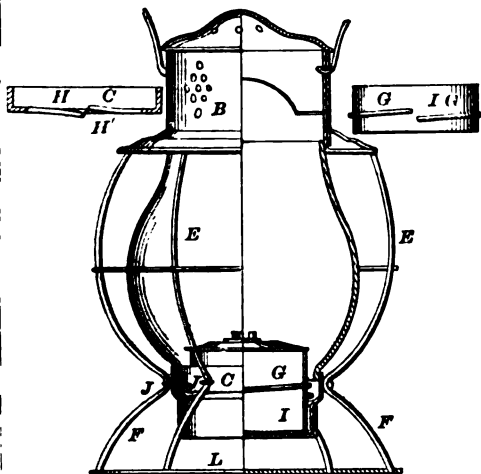
76361—T. & T. F. Walker—For Taking Soundings.



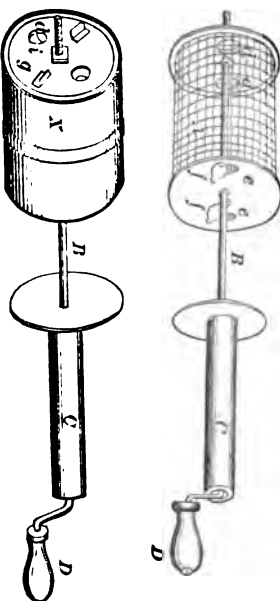
76363—W. J. Watson—Wood Turning Lathe.



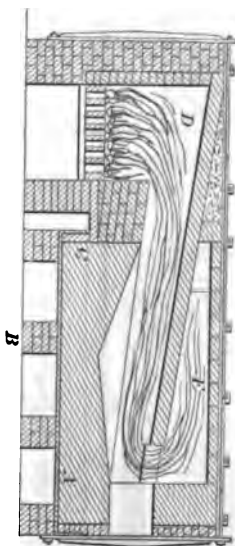
76366—W. Westlake—Lantern.

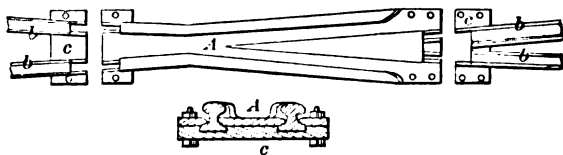
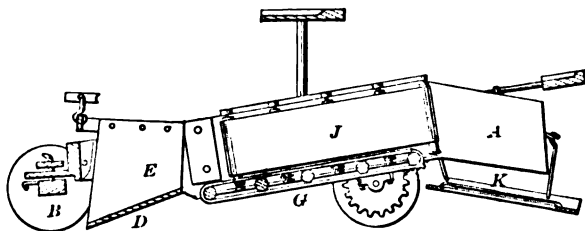
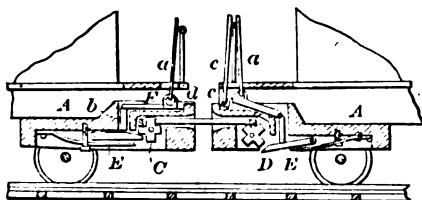
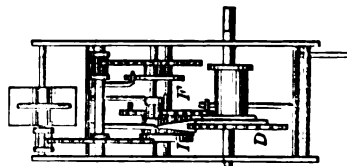
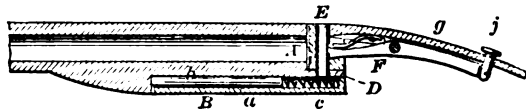
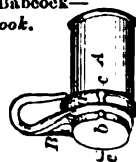
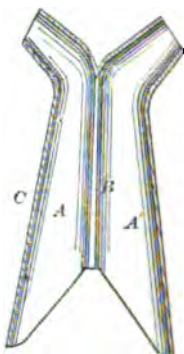
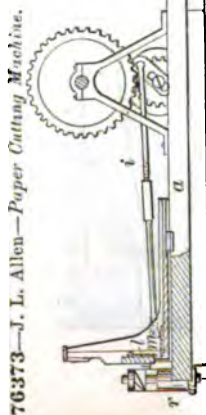
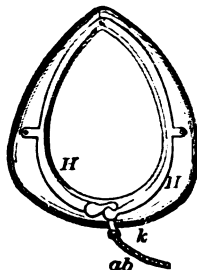


76362—L. A. Warner—Popper and Roaster.

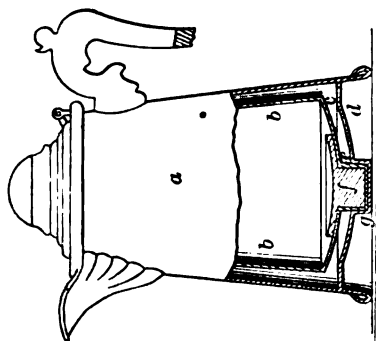


76364—D. P. Webster—Furnace for Smelting Lead Ores.



76365—G. Westinghouse, Jr.—*Railway Frog.***76371**—B. P. Wright—*Potato Digger.***76372**—D. L. Allen—*Expanding Mandrel.***76368**—E. R. Whitney—*Car Coupling.***76370**—R. Woolworth—*Clock.***76374**—C. H. Alsop—*Breech Loading Fire Arm.***76375**—E Atkinson—*Roof.***76375**—C. A. Babcock—*Whiffletree Hook.***76376**—Avery & Delill—*Coffin.***76367**—W. Westlake—*Tea Pot Spout.***76369**—W. S. Wood—*Harness.***76373**—J. L. Allen—*Paper Cutting Machine.*

76378—J. B. Bailey—Ice Pitcher.



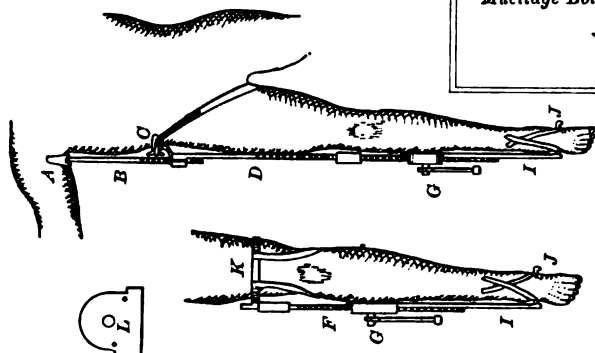
76380—J. Baldwin—Nut for Joint Bottle.



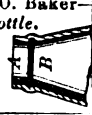
76383—E. H. Barney—Skate.



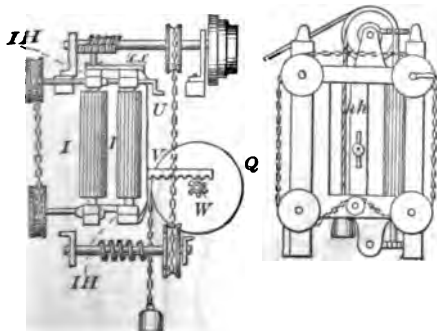
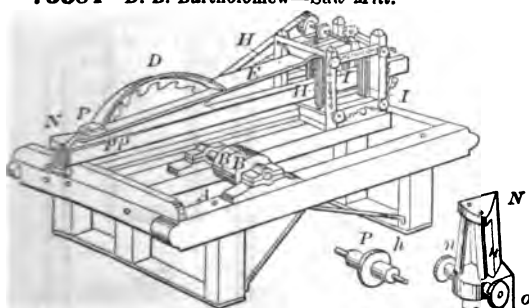
76382—E. H. Barnes—For Treating Fractures.



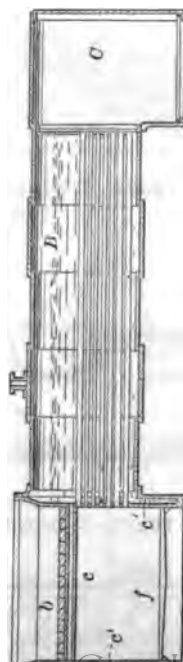
76379—H. O. Baker—Mucilage Bottle.



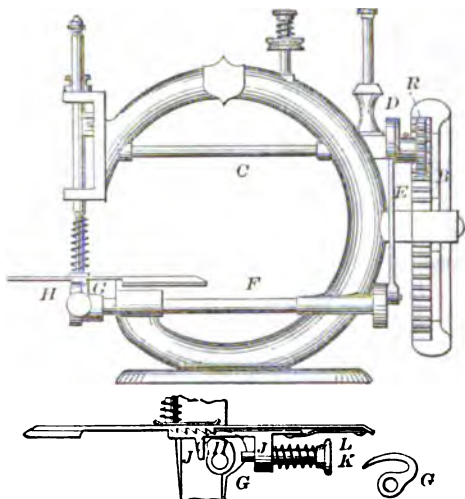
76384—D. B. Bartholomew—Saw Mill.



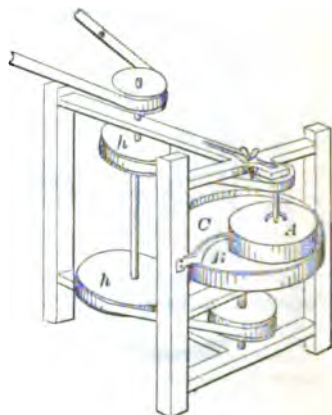
76381—W. Ball—Steam Generator.



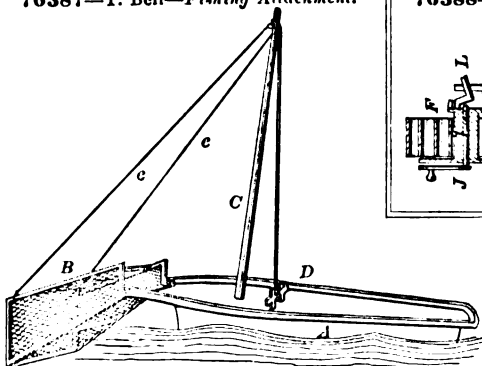
76385—J. W. Bartlett—Sewing Machine.



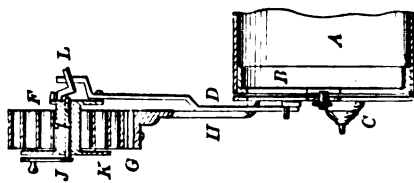
76386—C. Belcher—Paint Mill.



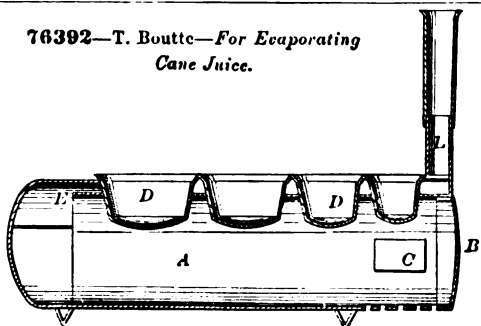
76387—T. Bell—Fishing Attachment.



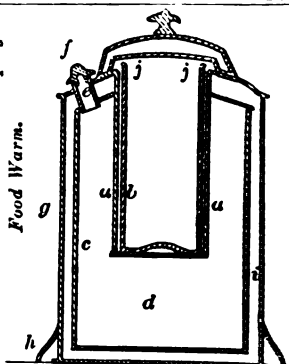
76388—Bender & Toller—Thermosol.



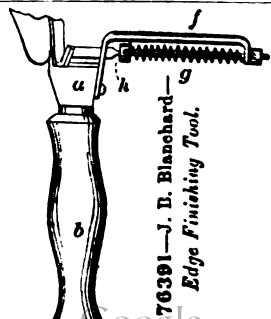
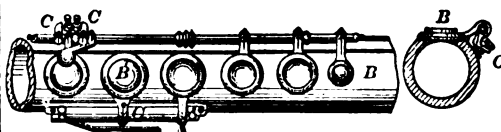
76392—T. Boutte—For Evaporating Cane Juice.



76390—E. Bevan—For Keeping Food Warm.

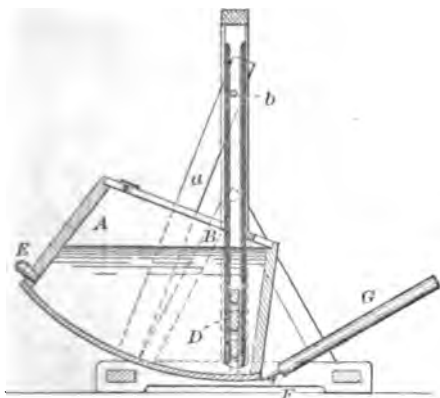


76389—T. Berteling—Flute.

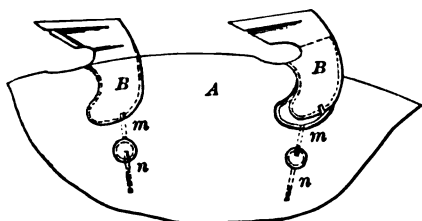


76391—J. D. Blanchard—Edge Finishing Tool.

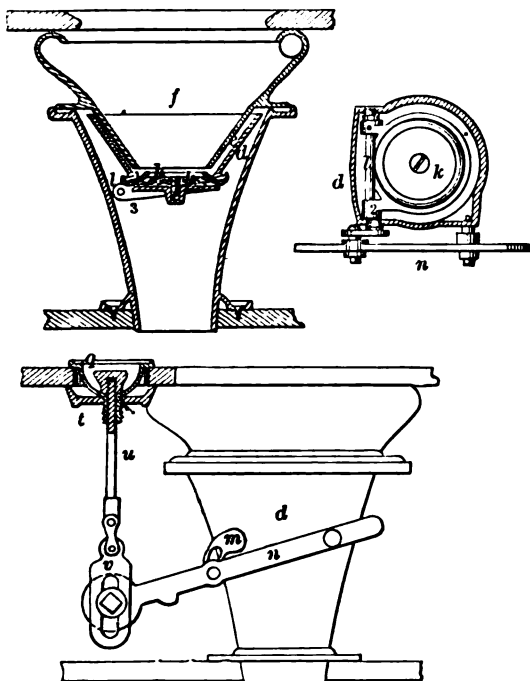
76393—E. Y. Boyce—*Washing Machine.*



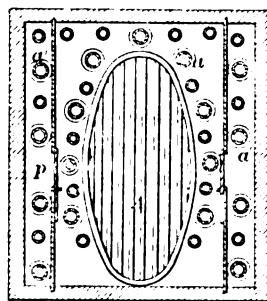
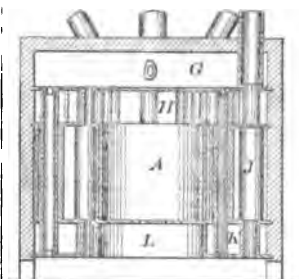
76395—I. S. & C. N. Brown—*Shoe.*



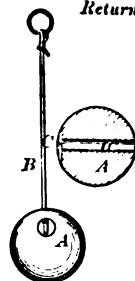
76398—W. S. Carr—*Water Closet.*



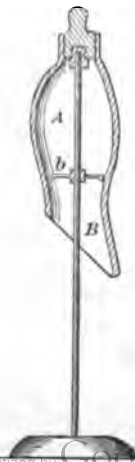
76397—H. G. Burr—*Hot Air Furnace.*

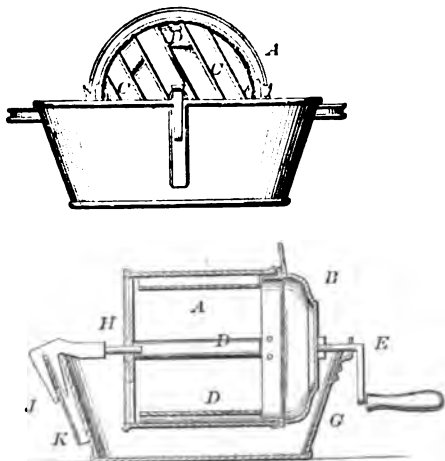
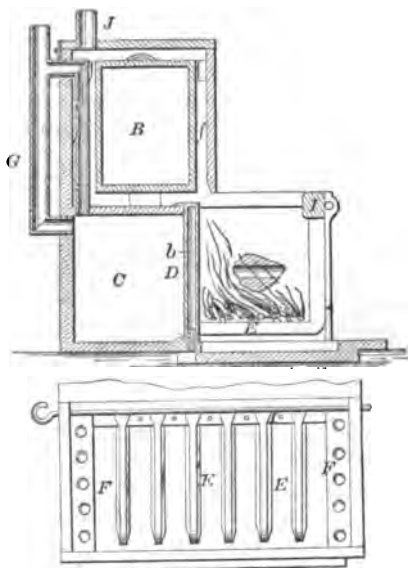
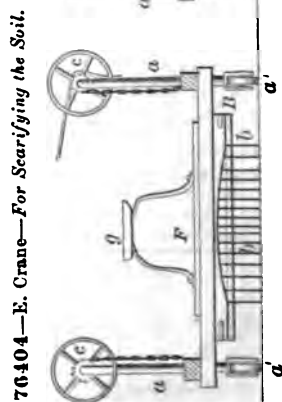
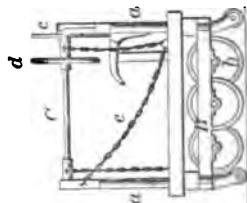
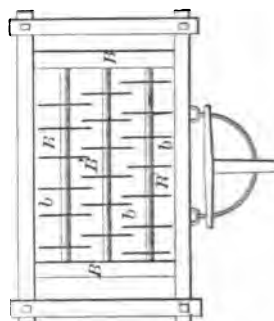
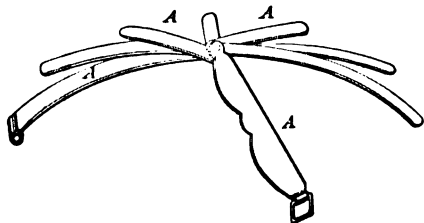
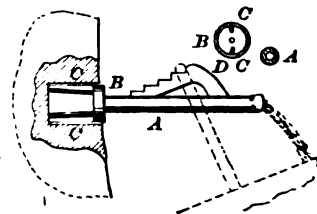


76396—J. Burke—*Musical Return Ball.*

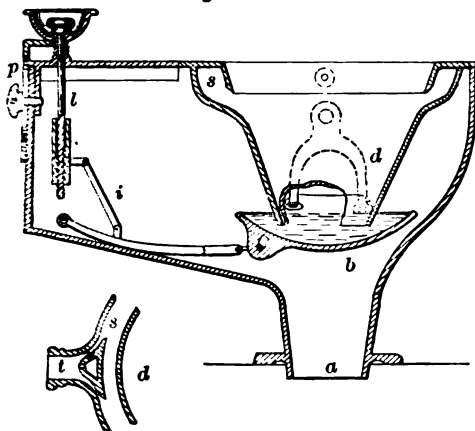


76394—W. E. Brock—*Dummy for Displaying Clothing.*

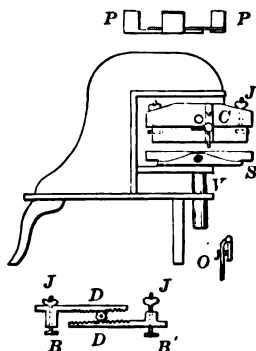


76399—J. M. Chaplin—Potato Washer and Pan.**76400—Collins & Knox—Stove.****76401—S. F. Conant—Hair Crimper.****76404—E. Crane—For Scarifying the Soil.****76402—W. Conner—Sap Spile.**

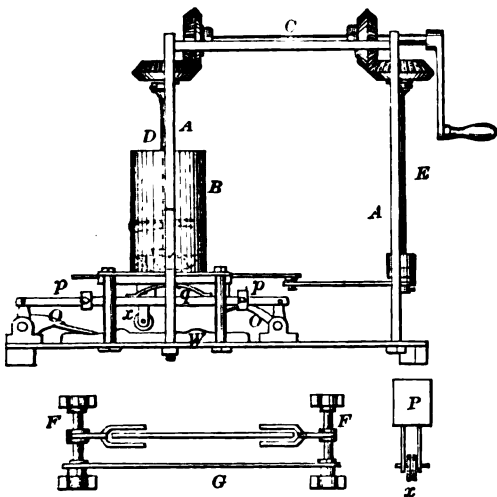
76403—H. H. Craigie—*Water Closet.*



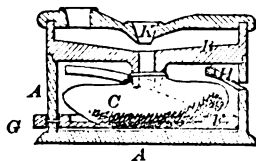
76408—T. A. Curtis—*Sole Cutting Machine.*



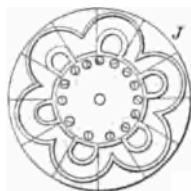
76405—Crighton & Roesler—*Brick Machine.*



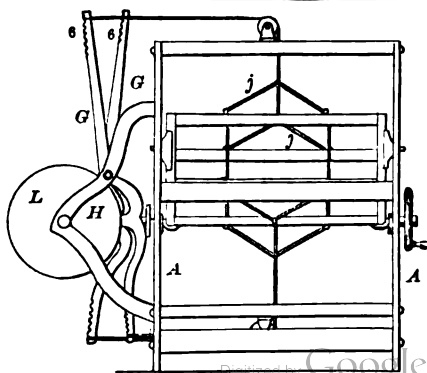
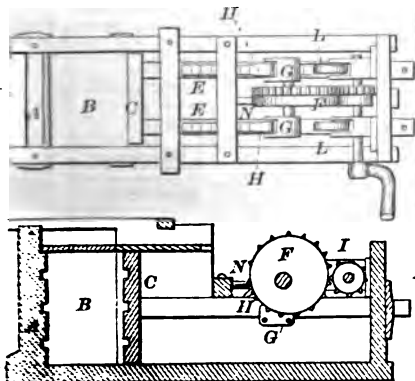
76409—S. Darling—*Inkstand.*



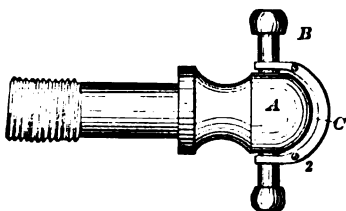
76406—G. Crompton—*Harness Mechanism for Looms.*



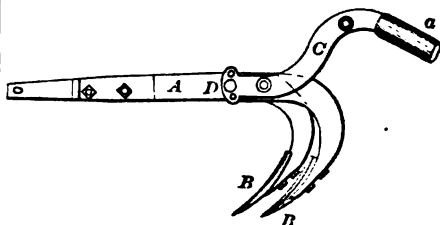
76407—D. Cummings, Jr.—*Baling Press.*



76410—S. Darling—Vise. .



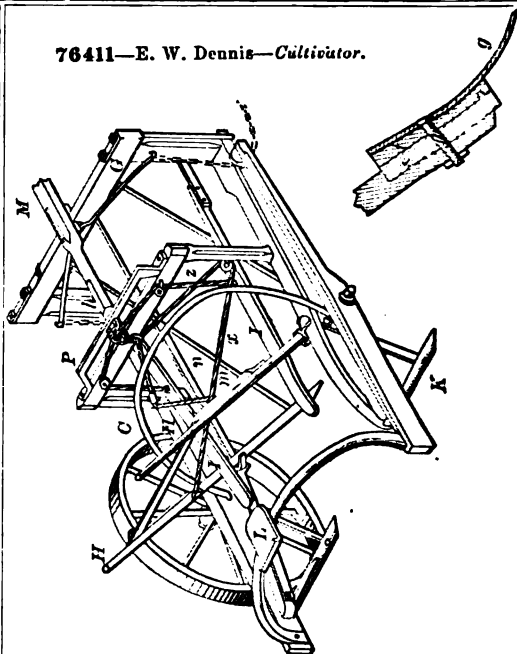
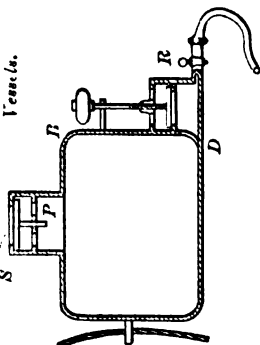
76412—G. W. Dewees—Cultivator.



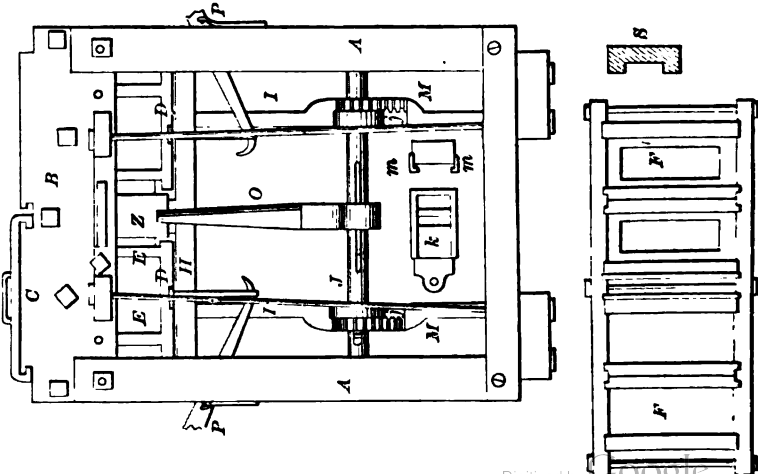
76414—J. S. Dickinson—Comb.



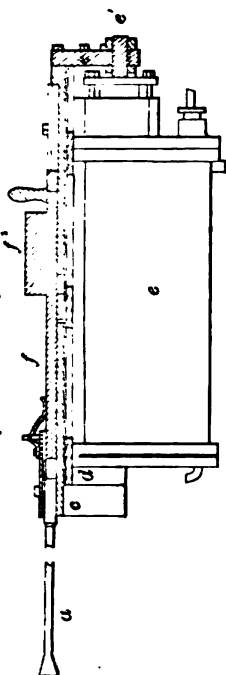
76411—E. W. Dennis—Cultivator.

76416—A. Dillon—For Raising Sunk
Vessels.

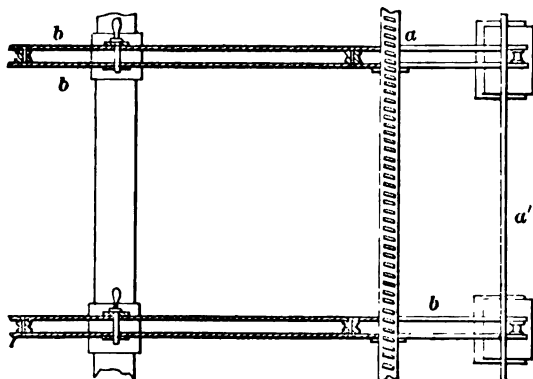
76415—L. Dieterich—Brick Machine.



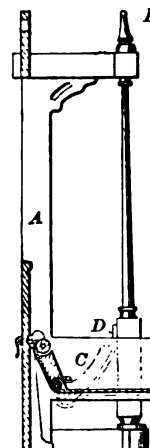
70417—G. E. Donisthorpe—Coal Mining Machine.



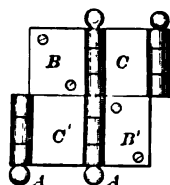
76418—G. E. Donisthorpe—Coal Mining Machine.



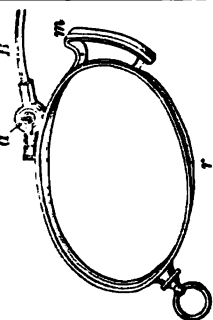
76423—W. H. Dutton—Bedstead.



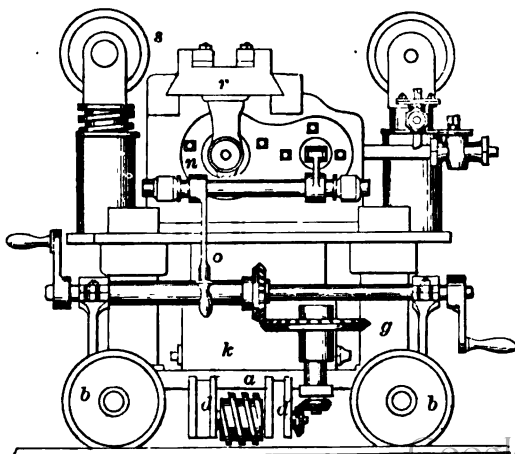
76422—G. Dumbolton—Hinge.



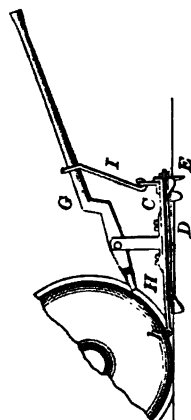
70420—J. Dorn—Eye Glass Attachment.



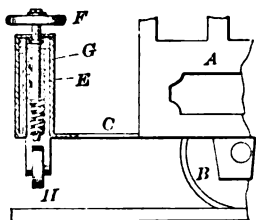
76419—G. E. Donisthorpe—Coal Mining Machine.



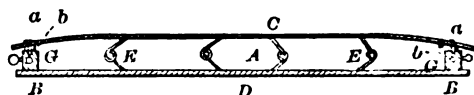
76421—J. Douglass—For Moving Cars.



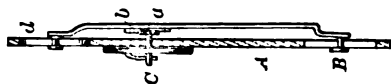
76424—D. Edwards—*Car Replacer.*



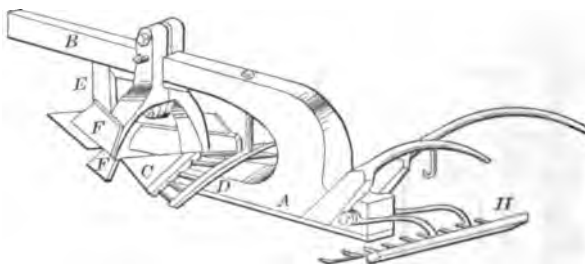
76425—English & Fraps—*Spring Bed Bottom.*



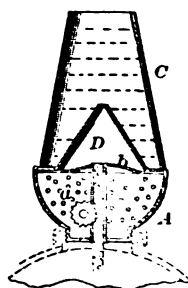
76420—M. M. Follett—*For Converting Motion.*



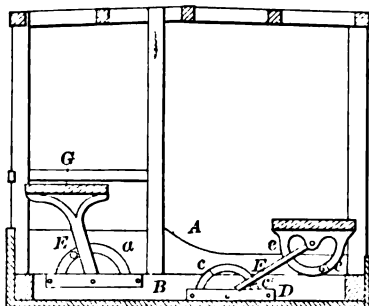
76427—L. Finch—*Potato Digger.*



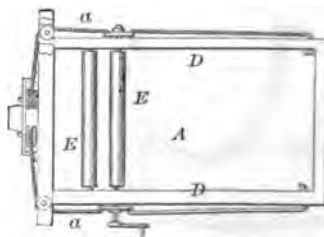
76426—L. Erving—*Lamp Burner.*



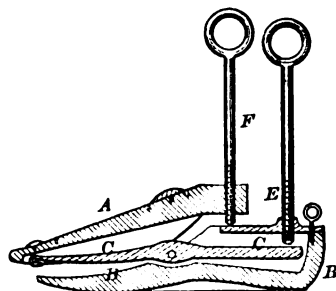
76428—J. Fleming—*Carriage Seat.*



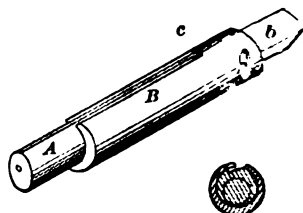
76430—M. M. Follett—*Mop Wringer.*



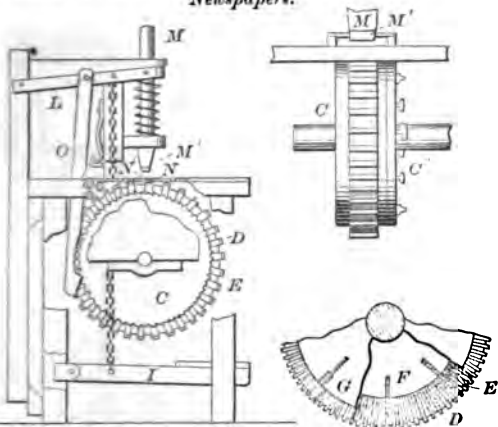
76431—W. Frederick—*Boot and Shoe Stretcher.*



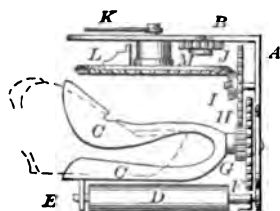
76432—C. French—*Bending Mandrel.*



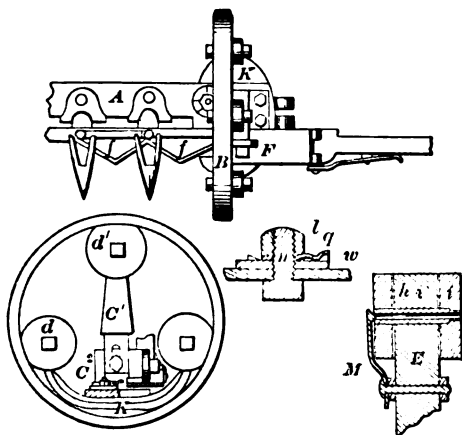
76433—J. C. Gaither—*For Printing Addresses on Newspapers.*



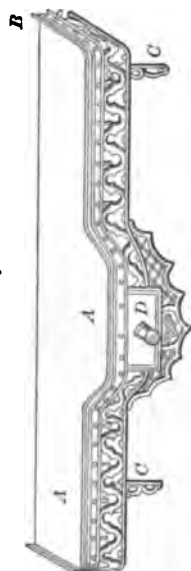
76435—H. Gilbert—*Register.*



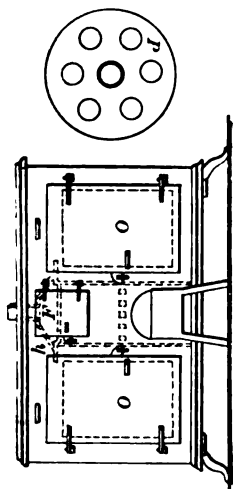
76436—A. B. Graham—*Harvester.*



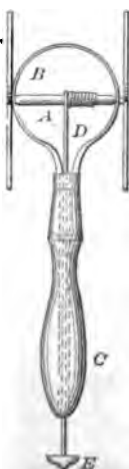
76434—L. Gibbs—*Bracket Shelf and Drawer.*



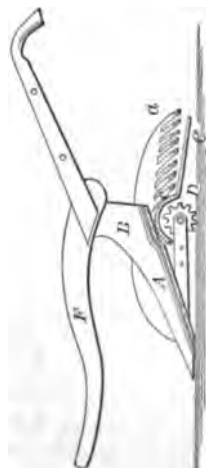
76437—W. H. Graham—*Cooking Range.*



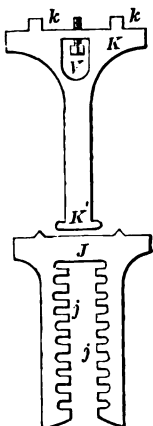
76439—Groves & Turner—*Whiffing Toy.*



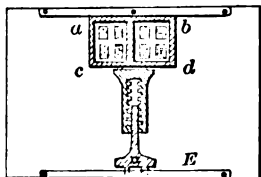
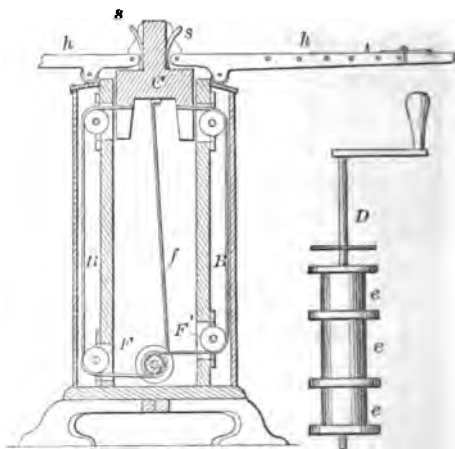
76438—A. Graves—*Potato Digger.*



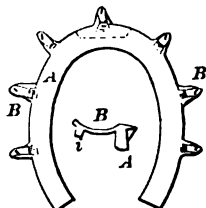
76440—F. T. M. A. Guyon—
Printers' Furniture.



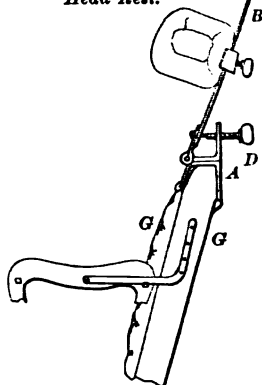
76441—E. R. Hall—*Clothes Dryer.*



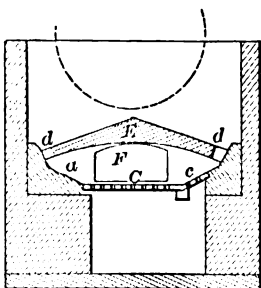
76449—W. Hinds—
Horse Shoe.



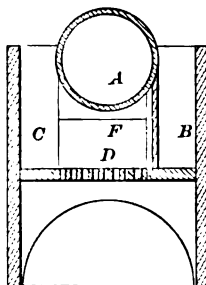
76446—R. W. Heywood—
Head Rest.



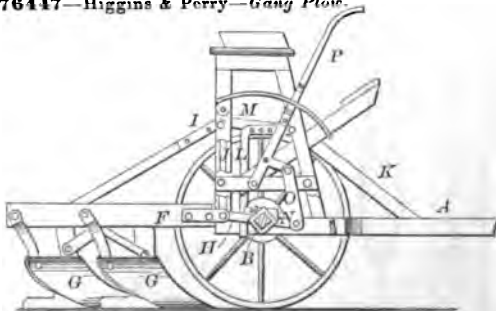
76444—J. J. Heindl—
Furnace Grate.



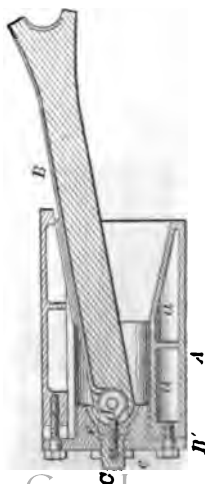
76442—B. A. Haycock—
Furnace Lining.



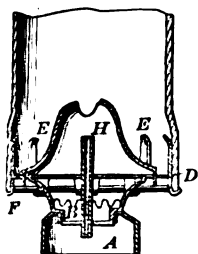
76447—Higgins & Perry—*Gang Plow.*



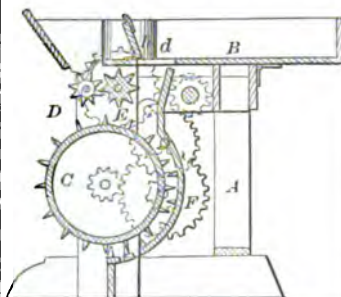
76446—Hinds & Lodge—*Steam Engine Piston.*



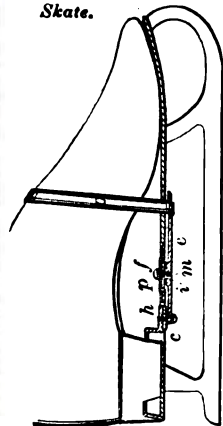
76450—Hoadley & Shipman—*Lamp Burner.*



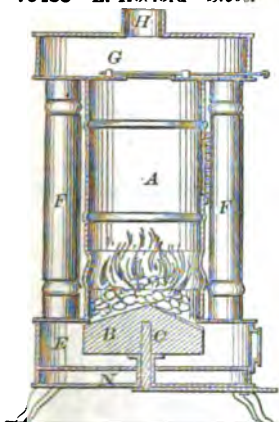
76451—E. Hoffstaetter—*For Picking Hair.*



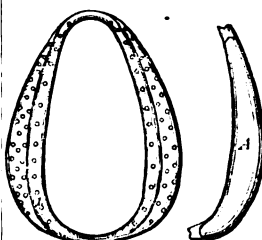
76453—J. Holland—*Skate.*



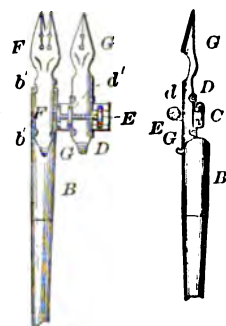
76455—E. Hosford—*Stove.*



76456—I. Houghtling—*Horse Collar.*



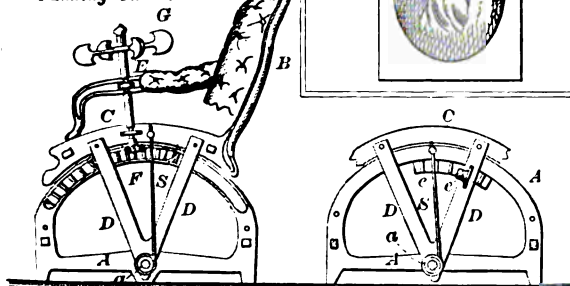
76454—J. H. Holland—*Pen.*



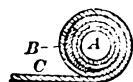
76458—O. P. Howe—*Photographic Transfer.*



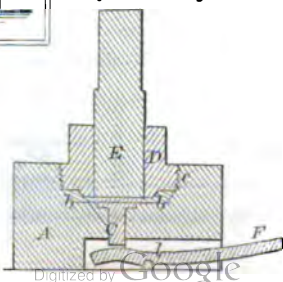
76452—Hobbs & Wright—*Fanning Chair.*



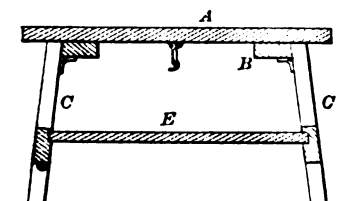
76457—T. P. How—*Copying Press.*



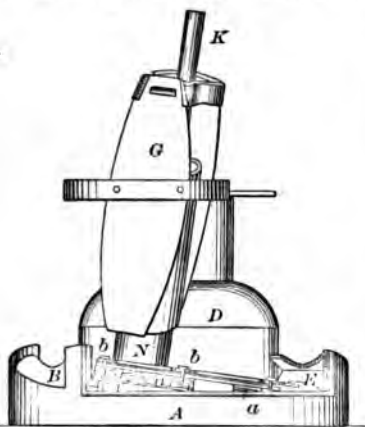
76460—T. S. Hudson—*Die for Forming Letters.*



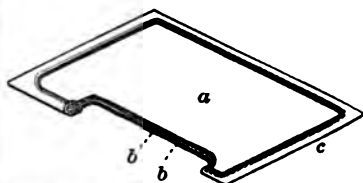
76459—L. D. Hubbard—*Bench or Table.*



76461—S. Hughes—Ore Crusher and Grinder.



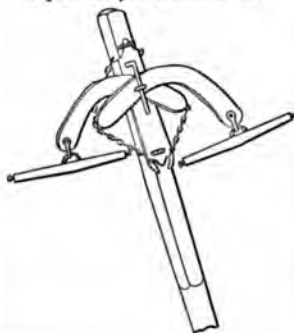
76462—S. W. Huntington—Lamp Shade.



76464—L. H. Johnson—Corn Husker.



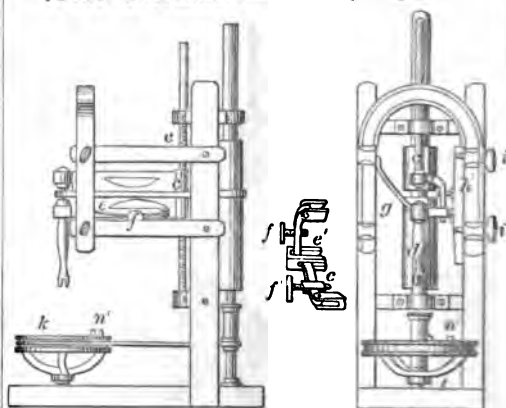
76466—R. F. Judson—Draft Equalizer for Doubletrees.



76468—W. J. Ketcham—Necktie Retainer.



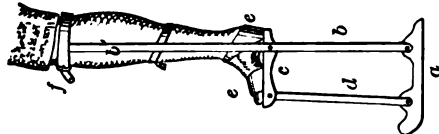
76467—J. T. Kendall—For Boring Wagon Hubs.



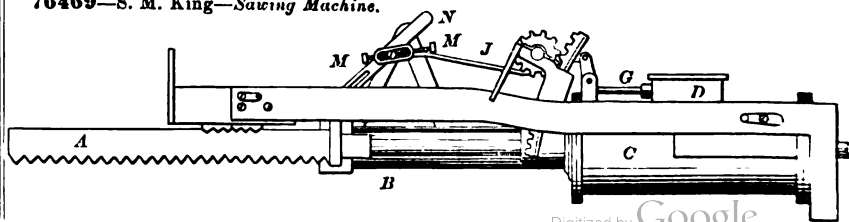
76470—C. M. Kinsel—Bracelet.



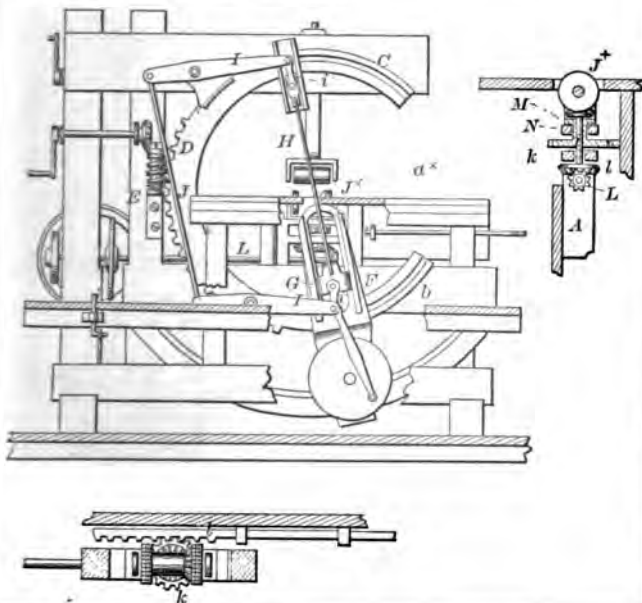
76465—W. Jordan—Stilt Skate.



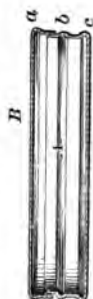
76469—S. M. King—Sawing Machine.



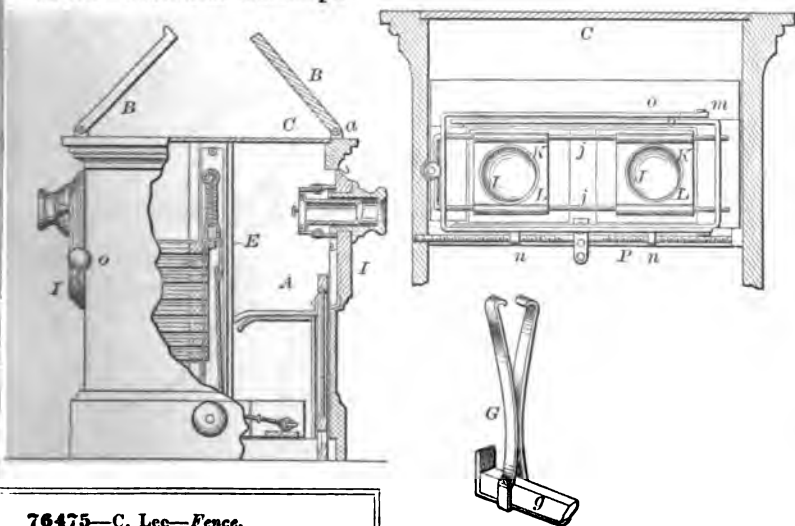
76471—J. L. Knowlton—Saw Mill.



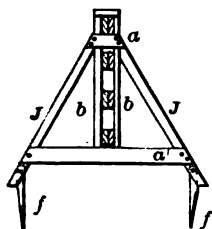
76474—J. D. Lane—Manufacture of Tin Boxes.



76472—W. M. Kohl—Stereoscope.



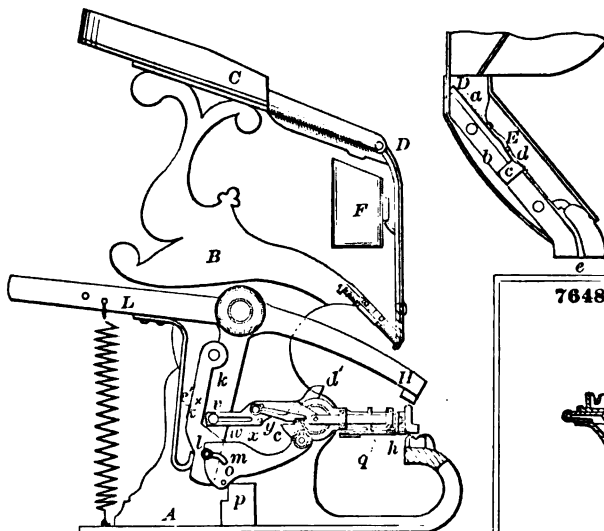
76475—C. Leo—Fence.



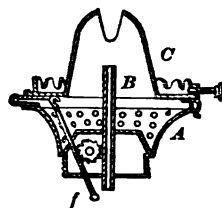
76476—I. Lindsley—Hair Cloth.



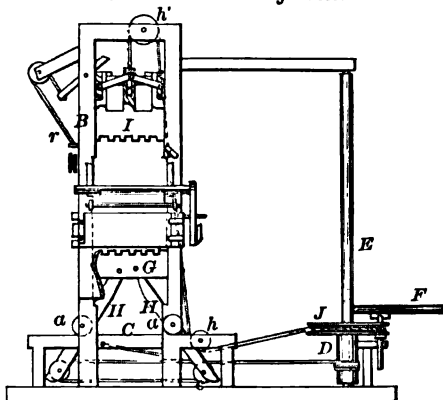
76474—A. Komp—For Attaching Spangles to Hoop Skirts.



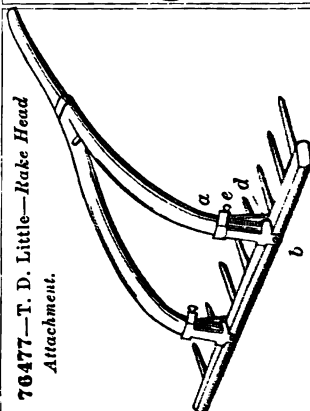
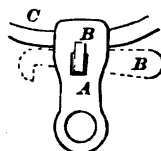
76482—J. J. Marcy—Lamp.



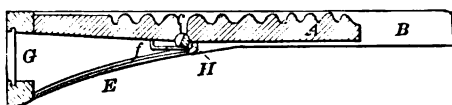
76478—G. W. Lockhart—Hay Press.



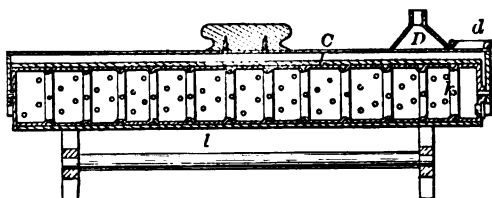
76480—M. Alden—Horse Rake.



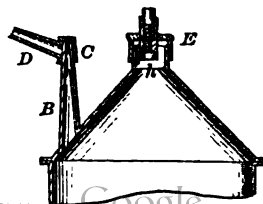
76481—F. E. Maberry—Wash Board.



76479—J. A. Lynch—Paper Dampener.



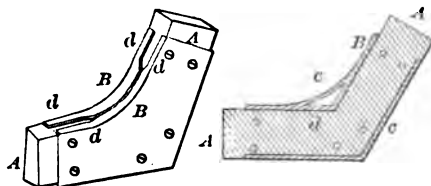
76483—J. J. Marcy—Oil Can.



76484—M. E. J. Marr—*Churn Dasher.*



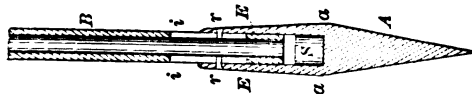
76487—E. G. Matthews—*Dory Boat Knee.*



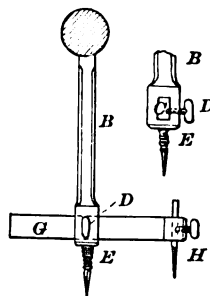
76488—T. B. McCaughan—*Pencil Case.*



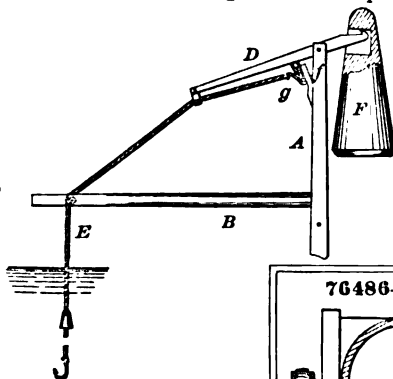
76485—W. Martin—*Well Tube.*



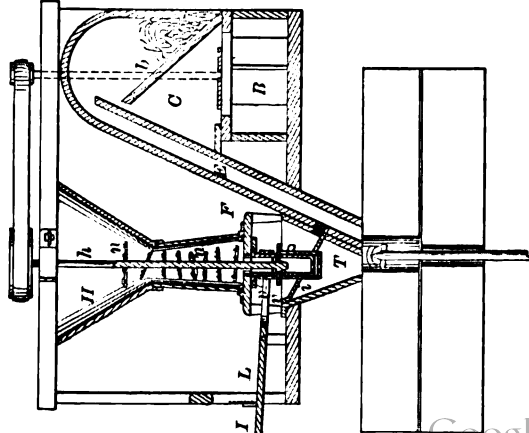
76490—M. T. McCormick—*Can Opening Tool.*



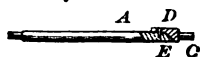
76489—T. B. McCaughan—*Fish Trap.*



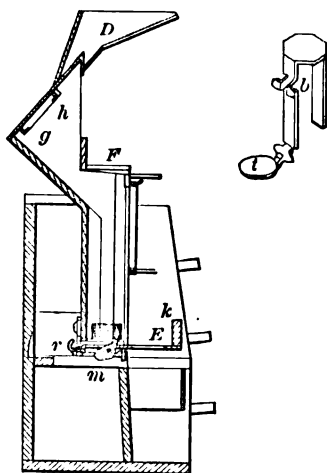
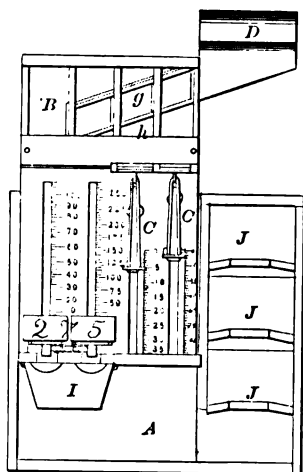
76486—P. H. Massey—*Grain Scouring Apparatus.*



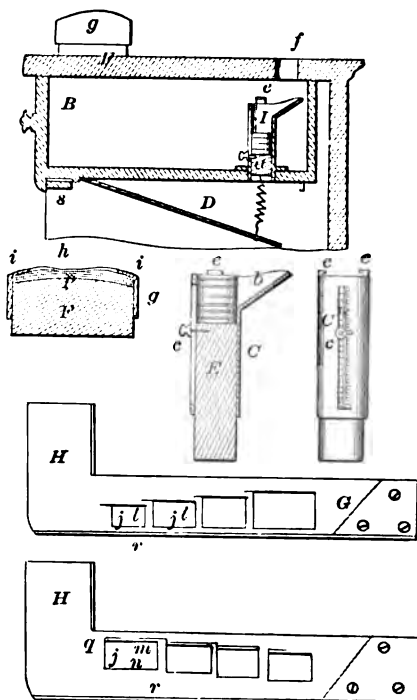
76491—W. McFarland—*Tenon for Blind Slat.*



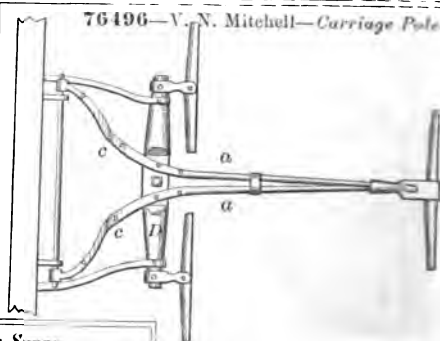
76492—J. W. Meaker—For Assorting Coin.



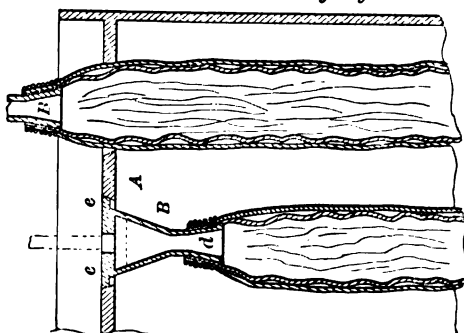
76493—J. W. Meaker—For Assorting Coin.



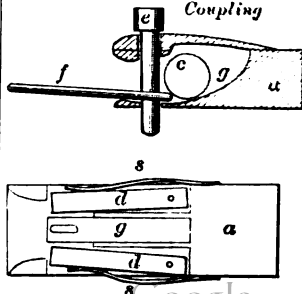
76496—V. N. Mitchell—Carriage Pole.



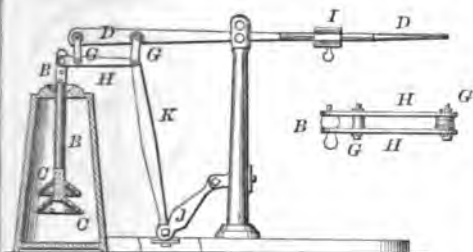
76495—W. H. Merrick—For Filtering Sugar.



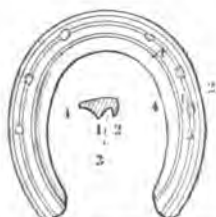
76494—J. W. Melcher—Car Coupling



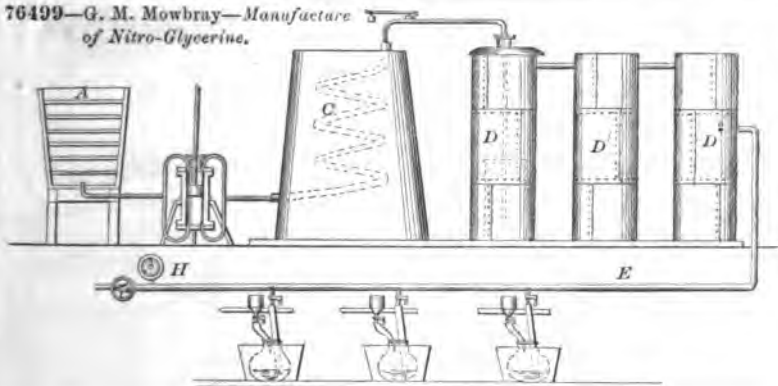
76497—E. J. Moore—*Churning Apparatus.*



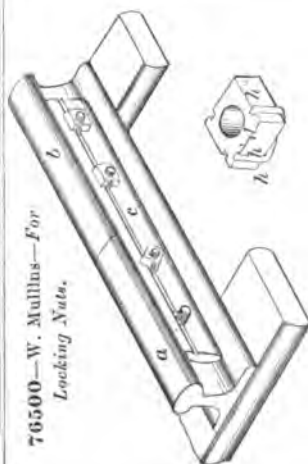
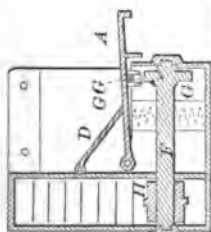
76501—P. Murray—*Horse Shoe.*



76499—G. M. Mowbray—*Manufacture of Nitro-Glycerine.*

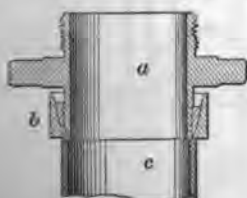


76502—A. F. Nagle—*Passenger Register.*

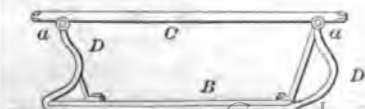


76500—W. Mullins—*For Locking Nuts.*

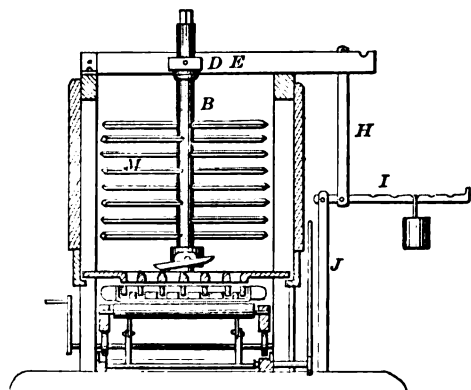
76503—P. H. Niles—*Hose Coupling.*



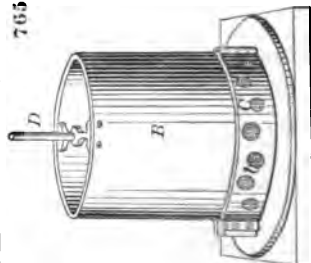
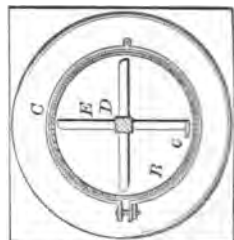
76498—J. C. Moore—*Sleigh Runner and Attaching it to Axles.*



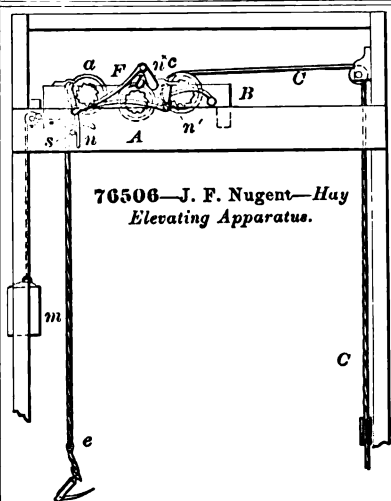
76504—C. Nolan—Brick Machine.



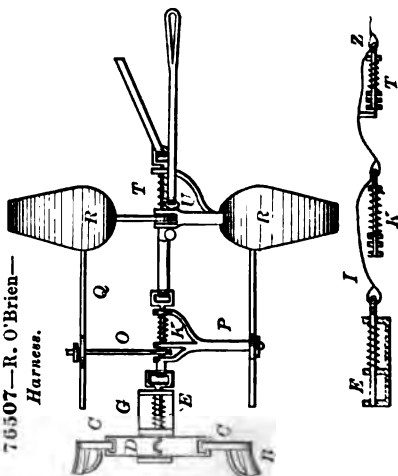
76505—Norton & Hancock—Clay Grinding Mill.



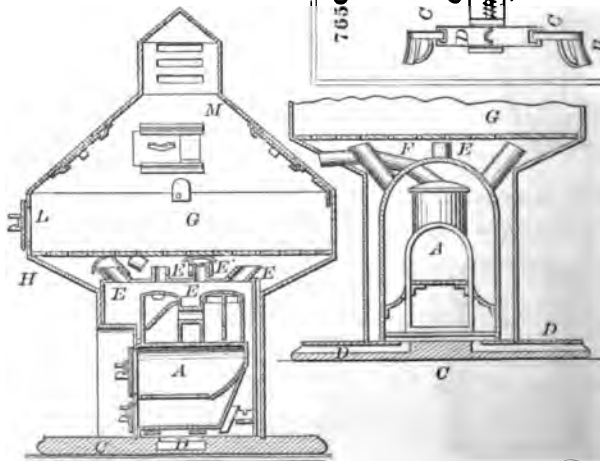
76506—J. F. Nugent—Hay Elevating Apparatus.



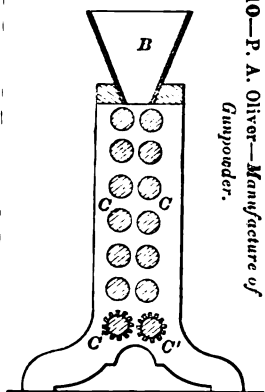
76507—R. O'Brien—Harness.



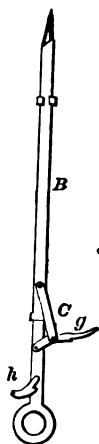
76508—Oefinger & Grupp—Malt Drying Kiln.



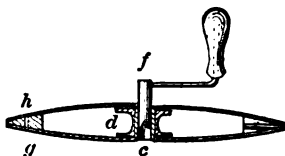
76510—F. A. Oliver—Manufacture of Gunpowder.



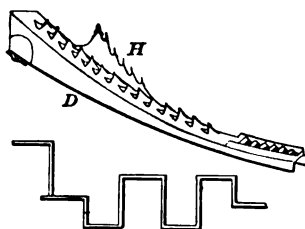
76511—J. O'Rourke—Horse Hay Fork.



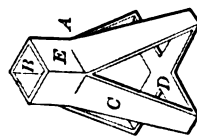
76512—E. N. Parker—Tatting Shuttle.



76513—W. Parker—Straw Carrier.



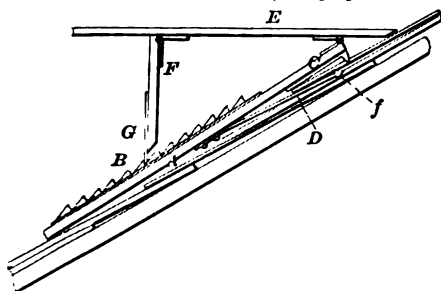
76515—G. R. Patton—Fence Post.



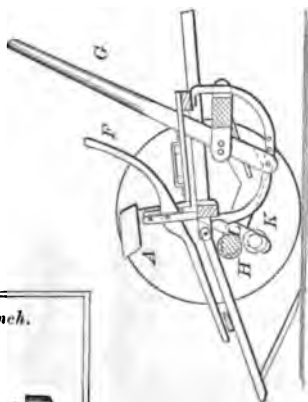
76517—W. N. Pelton—Connecting Link.



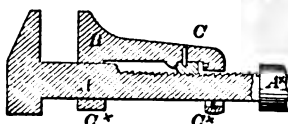
76516—C. M. Pease—Roof Staging.

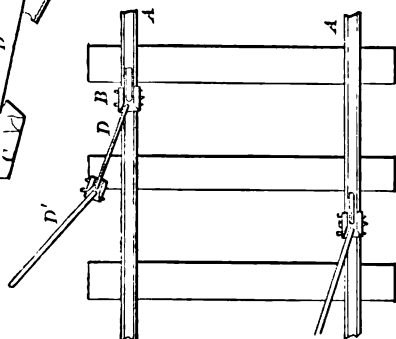
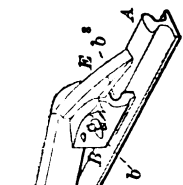
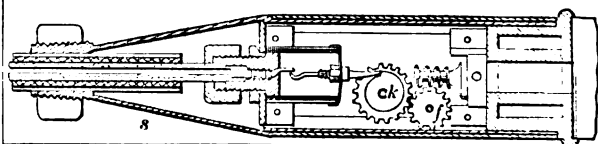
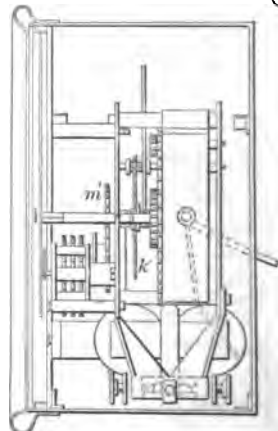
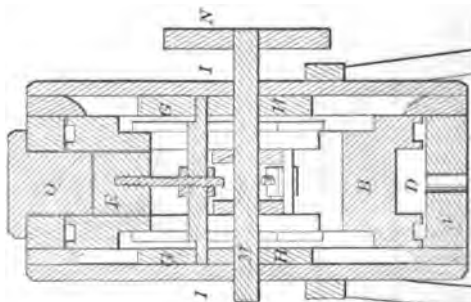
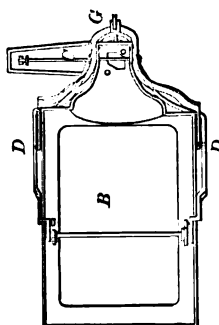
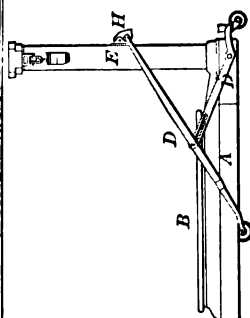
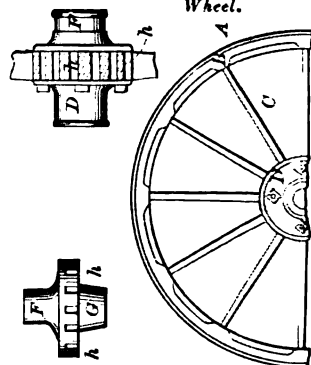


76518—C. B. Perkins—Horse Rake.

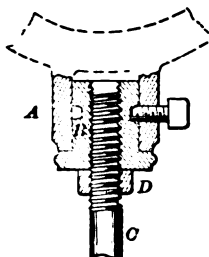


76519—A. S. Petrie—Wrench.

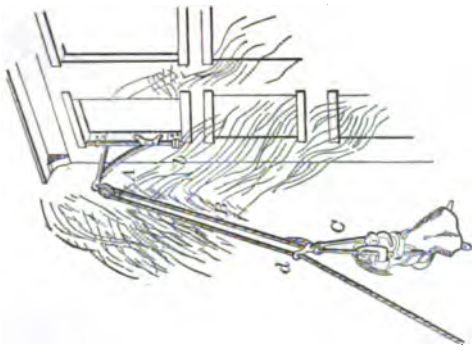


76521—W. I. Reid—*Electro-Magnetic Log.*76520—N. Pullman—*Car Replacer.*76525—M. Rikert—*Rotary Steam Engine.*76522—S. Rex—*Harvester.*76523—W. W. Reynolds—*Platform Scale.*76524—P. Richardson, Jr.—*Wagon Wheel.*

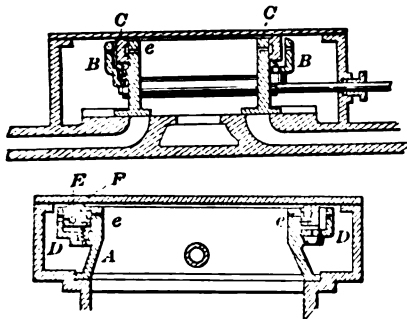
76526—J. Robertson—*Valve Rod Connection.*



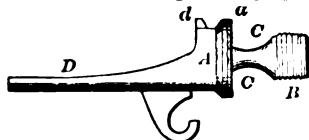
76527—A. Robinson—*Fire Escape.*



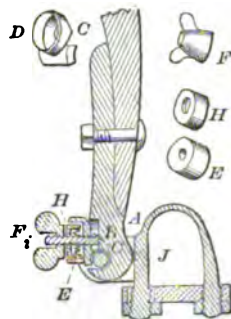
76528—W. B. Robinson—*Balanced Slide Valve.*



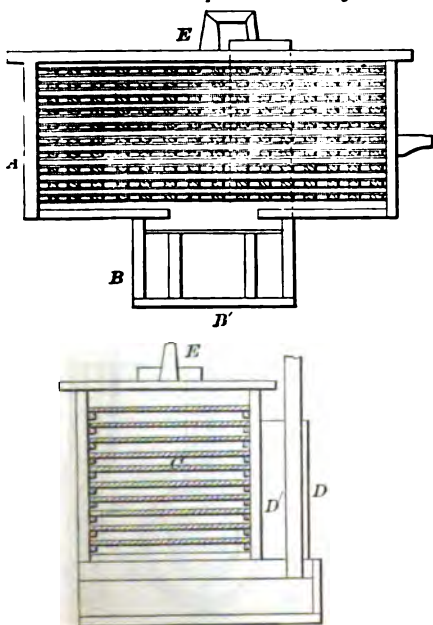
76530—E. B. Sargent—*Sip Spout.*



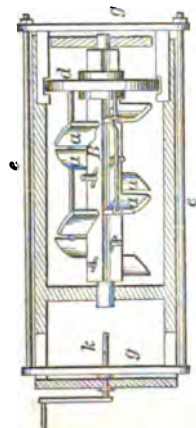
76531—A. Searls—*Shaft Coupling.*



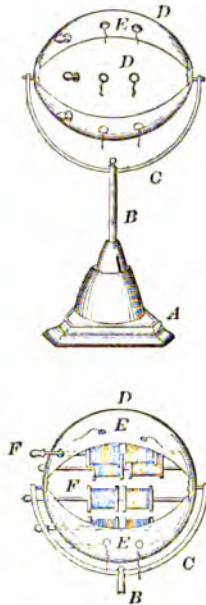
76532—M. A. Shepard—*Fruit Dryer.*



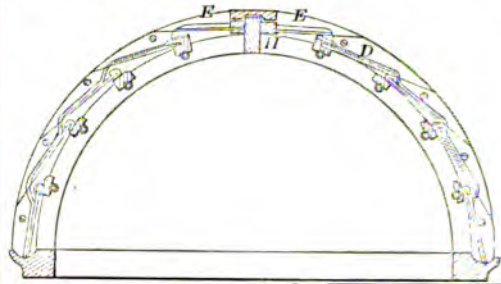
76529—J. M. Rush—*Grain Conveyer.*



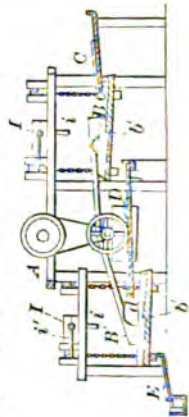
76533—J. H. Simmons—
Spool Stand.



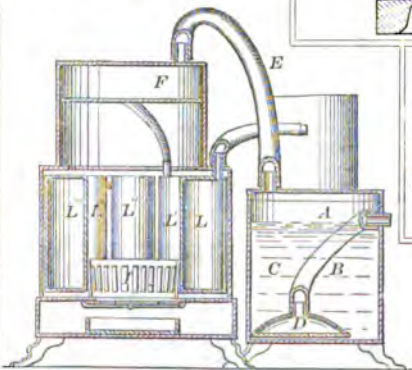
76534—Simpson & Howitt—*Steam Heater.*



76538—R. & W. T. Smith—*Amalgamator.*



76535—W. M. Sloan—
For Generating Gas.



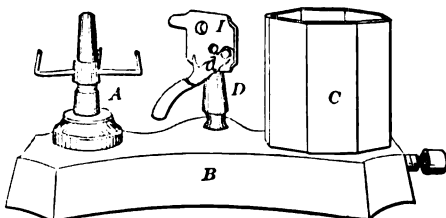
76540—W. Smith—*Brick,*
for Building.



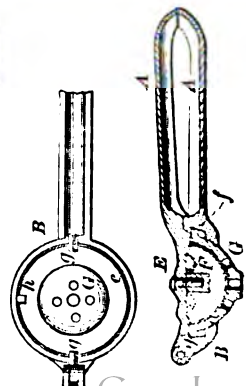
76536—E. A. Smead—*Wrench.*



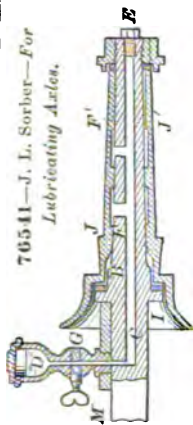
76537—C. F. Smith—*For Cutting Cigars &c.*



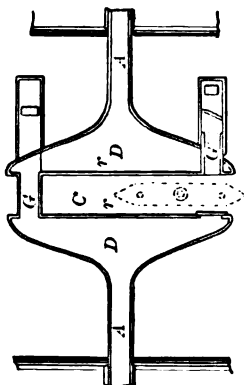
76539—T. C. Smith—*Lemon Squeezer.*



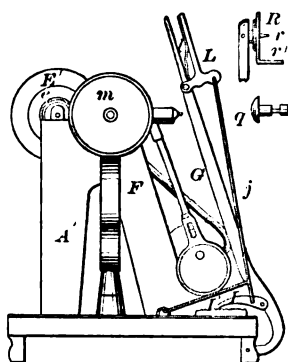
76541—J. L. Sorber—For
Lubricating Axles.



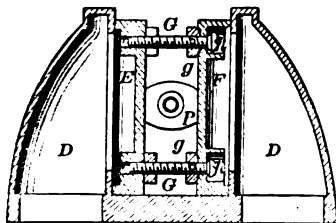
76542—T. S. Speakman—Draio Bridge.



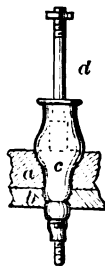
76543—V. K. Spear—For
Polishing Boot and Shoe Heels.



**76545—Stocking & Shaffer—Steam
Engine Slide Valve.**



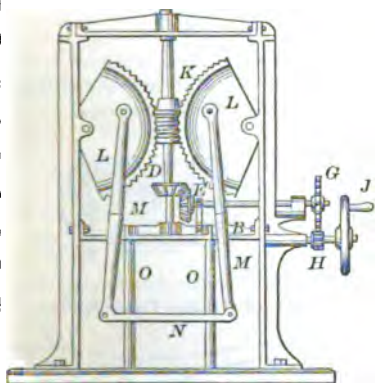
76546—J. Strawn—
Carriage Bolt.



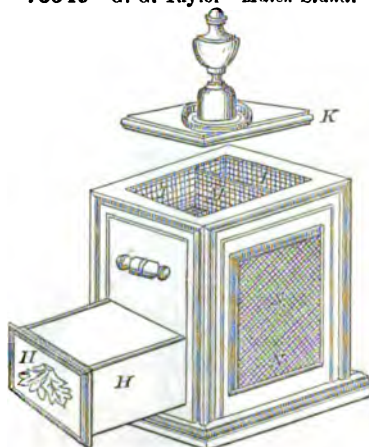
76547—A. L. Taylor—Clothes Pin.



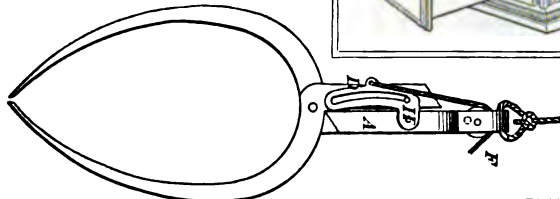
76548—E. Taylor—*Baling Press.*



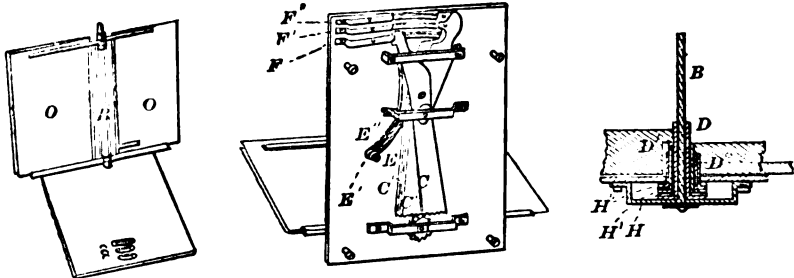
76549—G. G. Taylor—*Match Stand.*



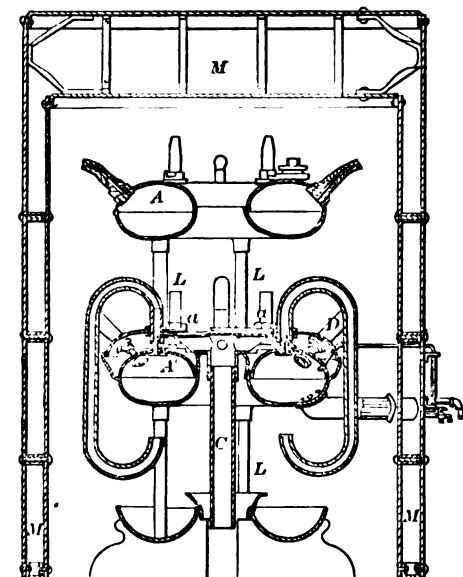
76550—T. II. Tears—Horse Hay Fork.



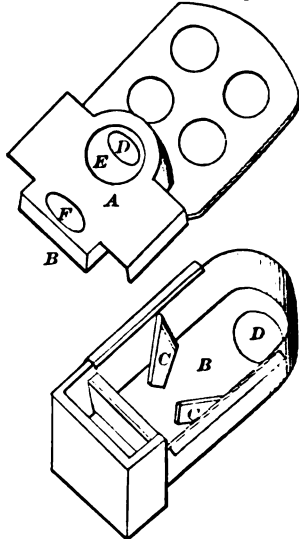
76551—G. Tefft—Music Rack.



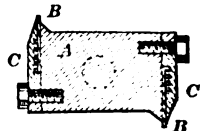
76552—F. W. Thayer—Hydro-Carbon Burner.



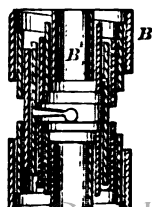
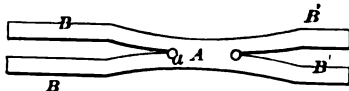
76554—J. Thorniley—Cooking Stove.



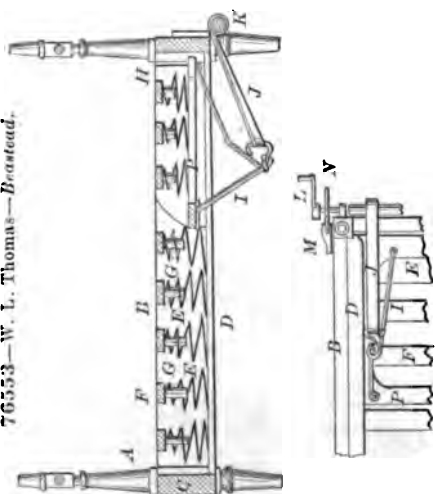
76556—T. Tostevin—Cutter Head for Planing Machines.



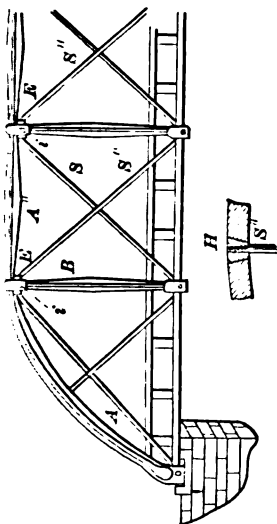
76557—J. Trent—Volute Spring.



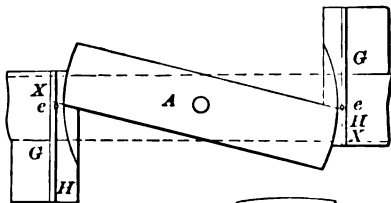
76553—W. L. Thomas—Bracelet.



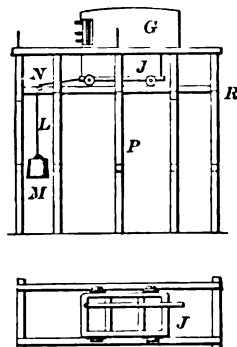
70558—L. E. Truesdell—Bridge.



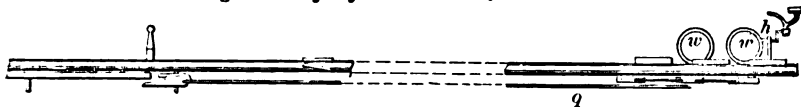
76560—J. B. Valliquette—Bridge.



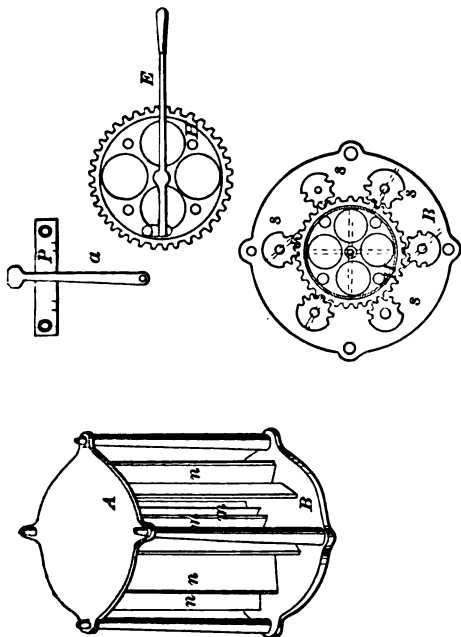
76562—S. Vanstone—Chain Link.



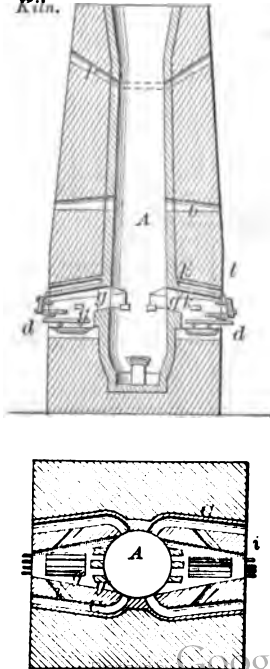
76559—A. C. Twining—Railway Signal and Alarm.



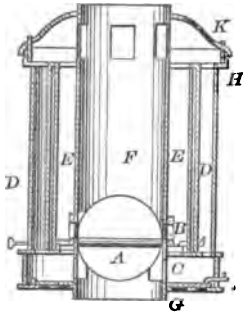
76561—J. H. Van Nortwick—Wind Mill.



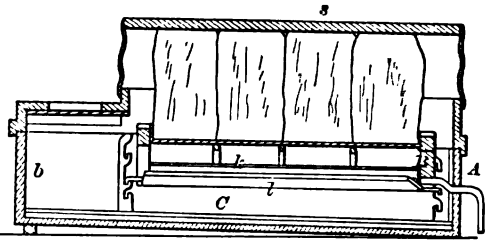
76563—M. Verhoeven—Lime Kiln.



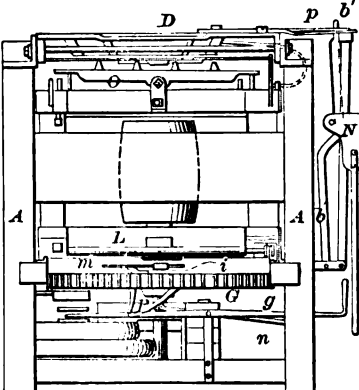
76564—J. Voegtle—Stove Drum.



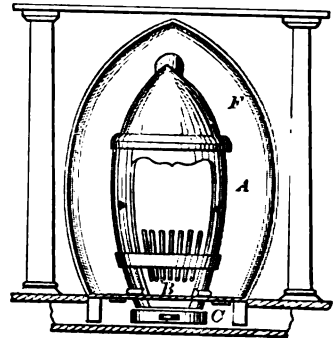
76568—J. S. Waterman—Corpse Preserving Case.



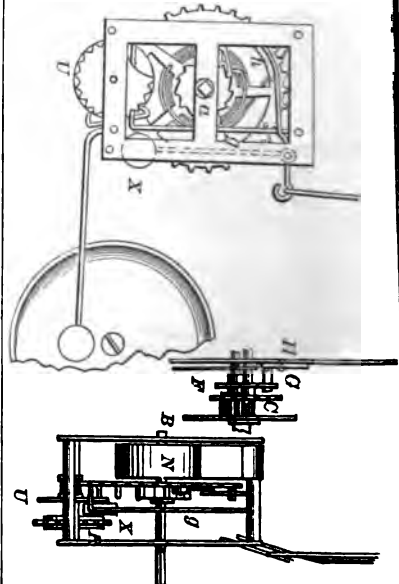
76566—W. H. Walker—Shingle Machine.



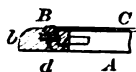
76565—F. Walker—Coal Store.



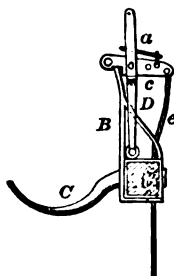
76567—C. H. Warner—Clock Alarm.



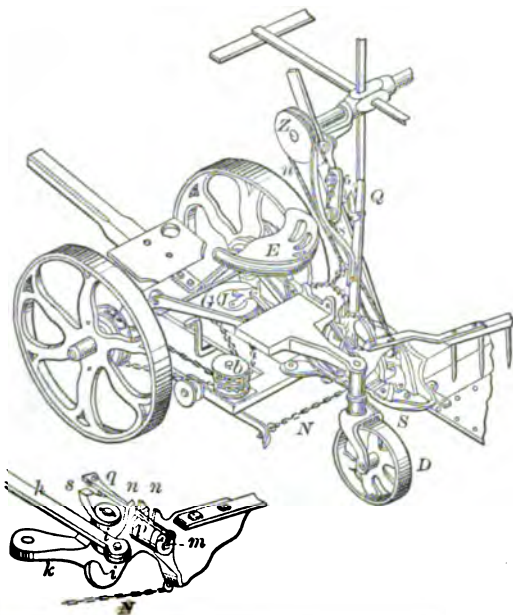
76569—G. A. Watkins—*Chair Seat.*



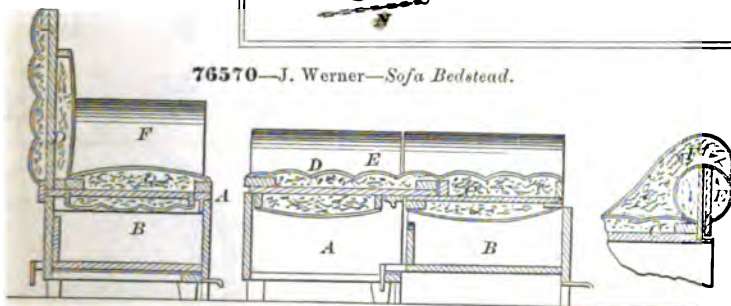
76573—J. H. Wilder—*Horse Hay Fork.*



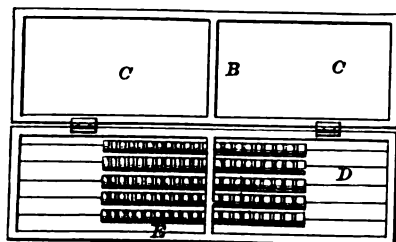
76571—C. Wheeler Jr.—*Harvester.*



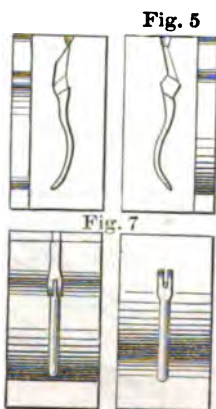
76570—J. Werner—*Sofa Bedstead.*

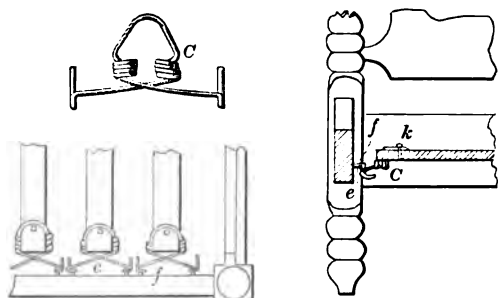
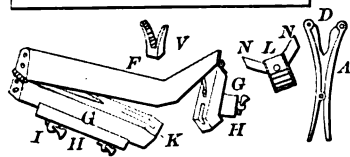
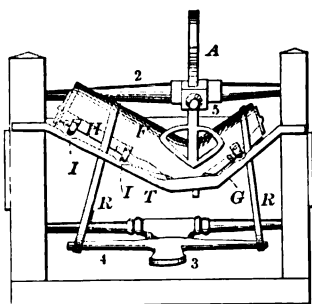
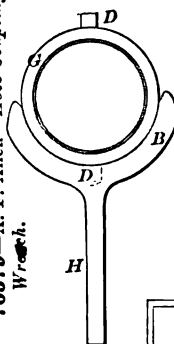
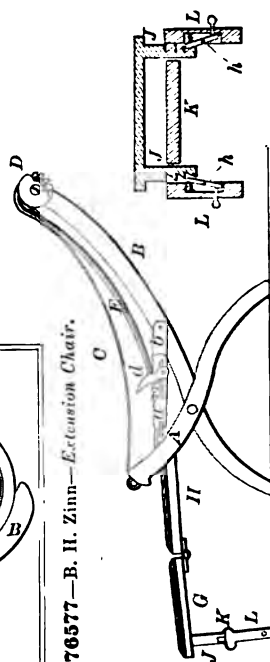
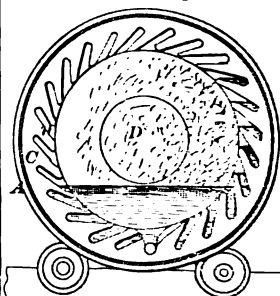
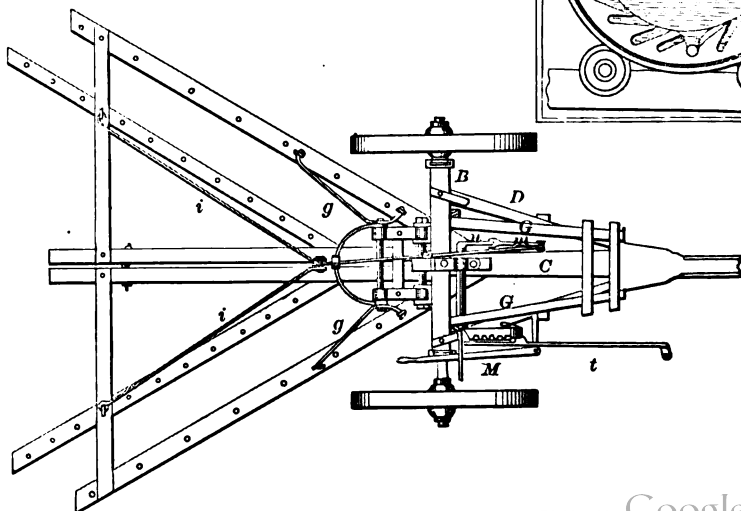


76572—D. Wight—*Top Game Board.*

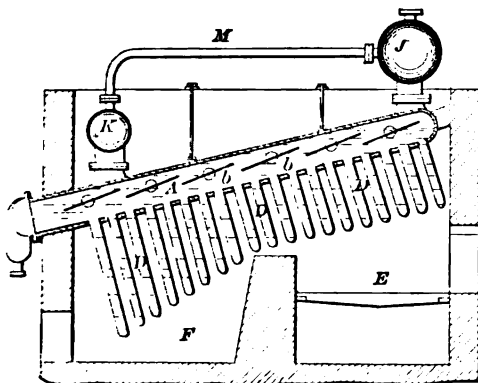


76574—S. H. Wood—*Die for Pliers.*

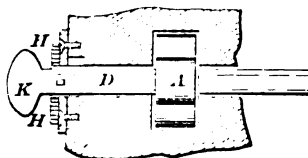


76575—A. W. Wright—*Spring Bed Bottom.*76576—R. A. York—*Crimping Machine.*76579—A. F. Allen—*Hose Coupling*
Wrench.76577—B. H. Zinn—*Extension Chair.*76581—J. F. Allen—*Decarbonizing Iron.*76578—S. Conrad—*Cultivator and Harrow.*

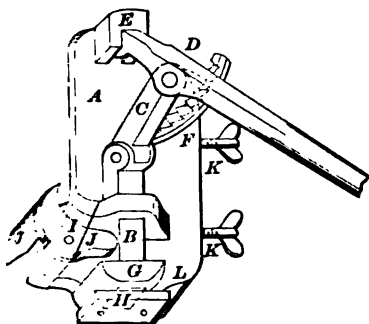
76580—J. F. Allen—Steam Generator.



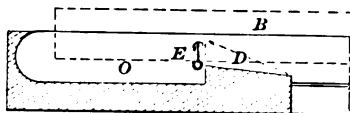
76582—F. Ball—Window Sash Sash Stop.



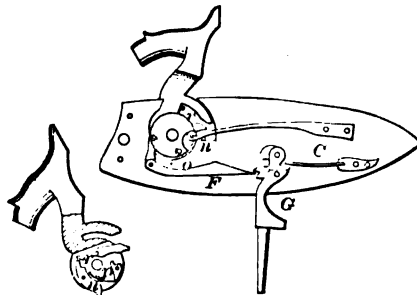
76583—G. E. Banner—Floor Clamp.



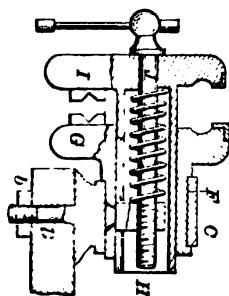
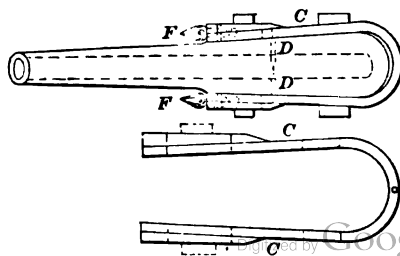
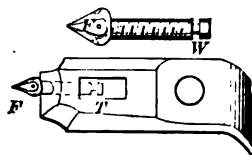
76585—S. P. Bartley—Steam Boiler Furnace.



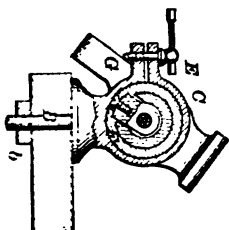
76587—Belden & Crabtree—Gun Lock.

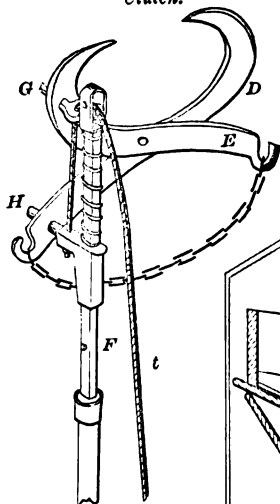
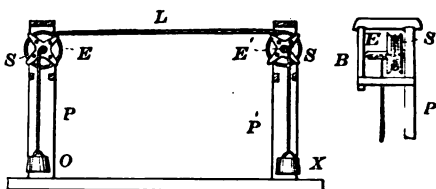
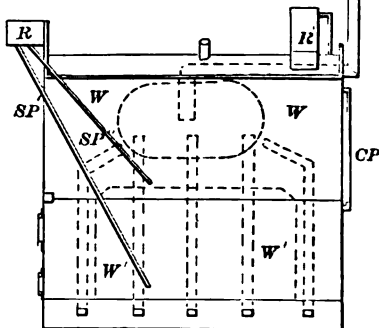
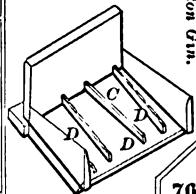
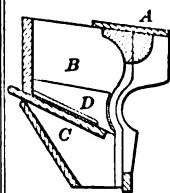
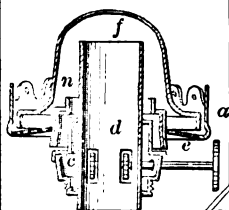
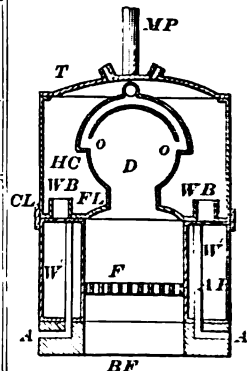
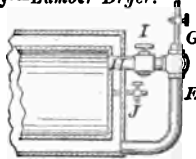
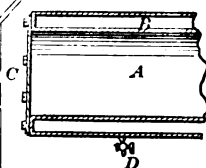
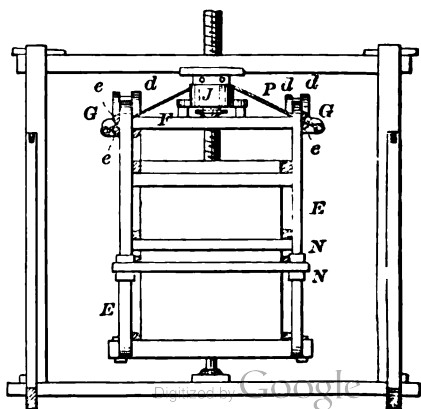
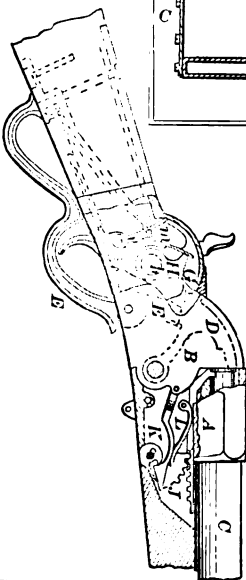


76580—P. R. Beaupre—Ordnance.

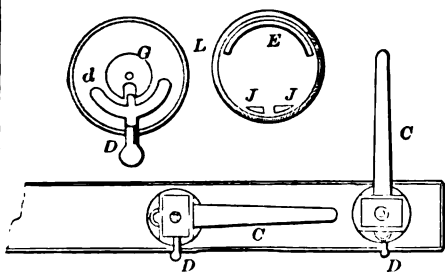


76584—C. Barnes—Vice.

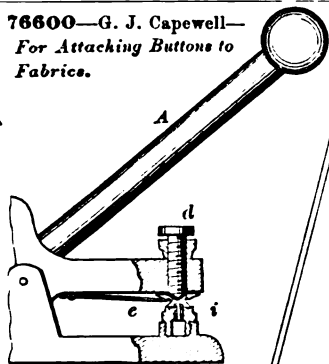


76588—C. C. Blodgett—*Elevating Clutch.*76589—H. S. Boynton—*Adjustable Clothes Dryer.*76590—Brady & Sloan—*Hot Air Furnace.*76594—R. M. Brooks—*Cotton Gin.*76592—J. W. Brimblecorn—*Lamp Burner.*76599—H. L. Butts—*File.*76591—J. Brakeley—*Lumber Dryer.*76593—R. M. Brooks—*Cotton Press.*76595—J. Droughon—*Fire Arm.*

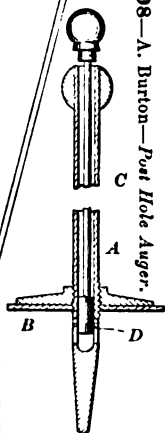
76596—G. A. Brown—Car Stake Holder.



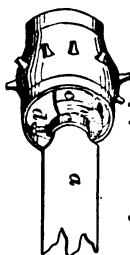
76600—G. J. Capewell—
For Attaching Buttons to
Fabrics.



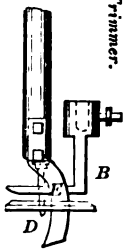
76598—A. Burton—Post Hole Auger.



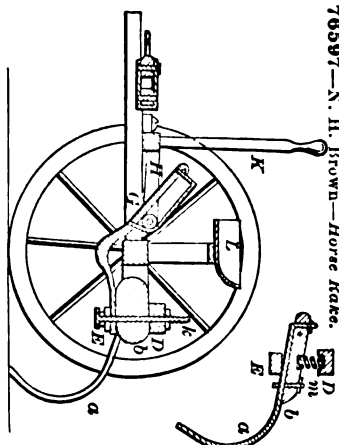
76605—Coleburn & Stanara—
Sand Cup for Carriages.



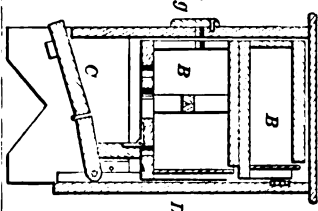
76608—L. P. Curtis—Leather
Trimmer.



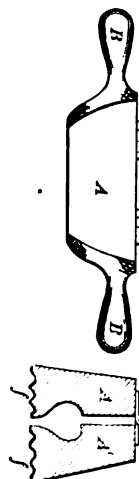
76597—N. H. Brown—Horse Rake.



76602—Cassel & Quin—Beehive



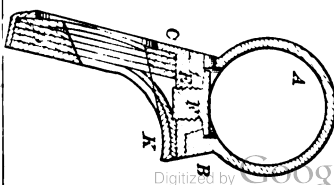
76603—J. Charlton—Rubber for Washing Clothes.



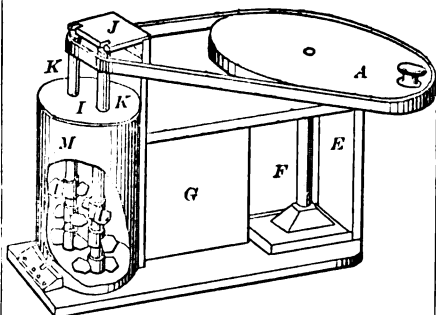
76604—S. E. Chase—Loom Shuttle.



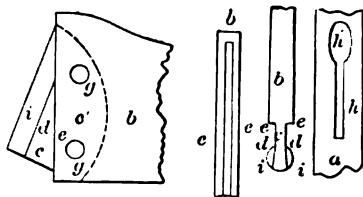
76609—Dow & Wilcox—Neck Yoke.



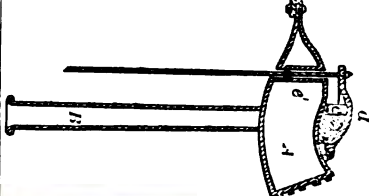
76606—A. J. Conner—Churn.



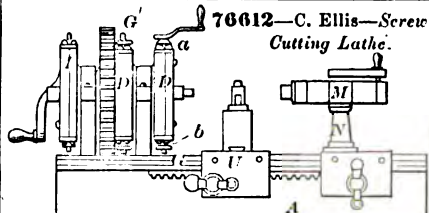
76611—W. H. Elliot—Mortise and Tenon for Bedsteads



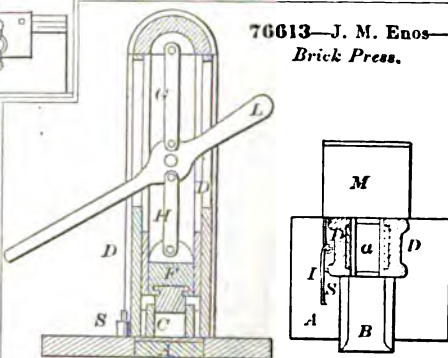
76610—J. Edson—Scrubber.



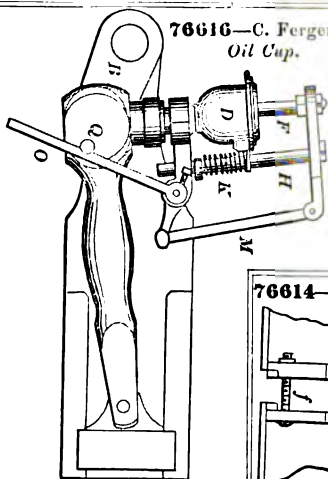
76612—C. Ellis—Screw Cutting Lathe.



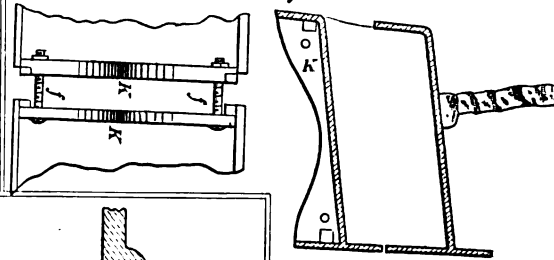
76613—J. M. Enos—Brick Press.



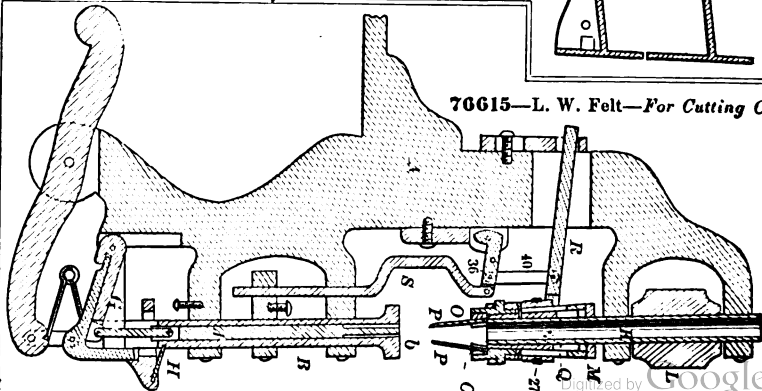
76616—C. Ferger—Oil Cup.



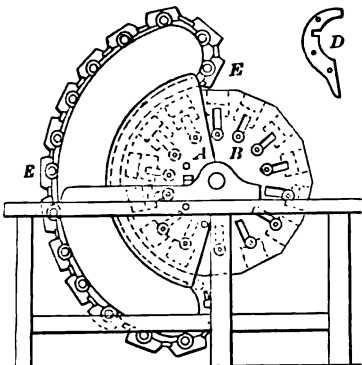
76614—Faurot & Harris—Curb for Street.



76615—L. W. Felt—For Cutting Corks.



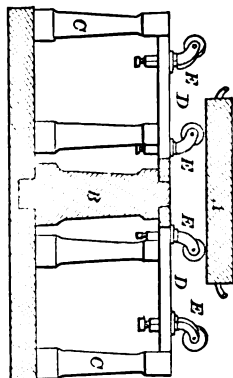
76617—G. B. Fisher—Brick Machine.



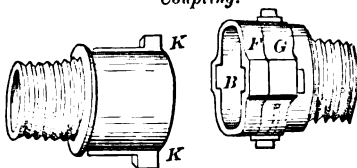
76618—L. Fisher—Rasp.



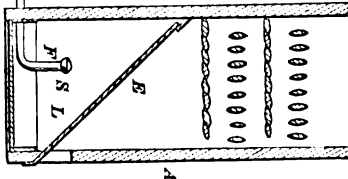
76619—E. Fitzhenry—For Dressing and Scouring Leather.



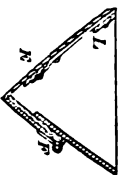
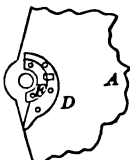
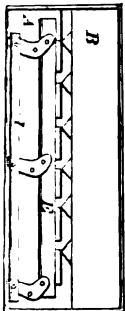
76622—R. J. Gaines—Hose Coupling.



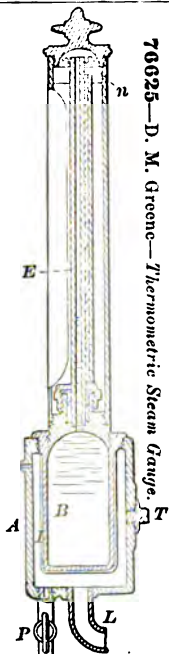
76624—J. Geemen—For Sprouting Malt



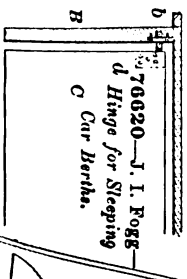
76621—N. Foster—Guano Distributor.



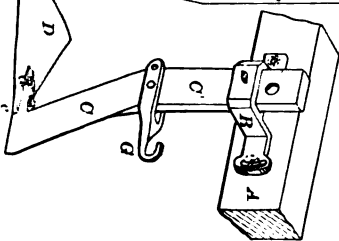
76625—D. M. Greene—Thermometric Steam Gauge.



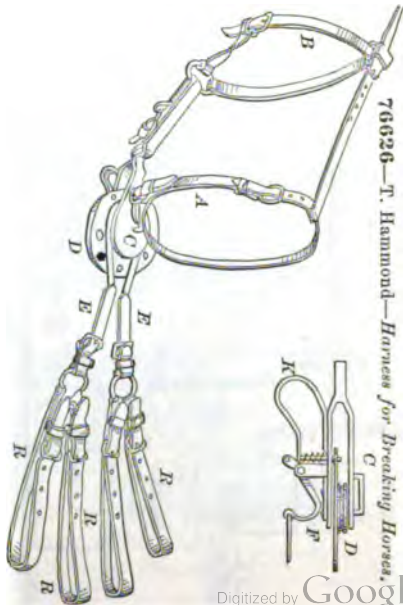
76620—J. I. Fogg—d Hinge for Sleeping Car Berths.

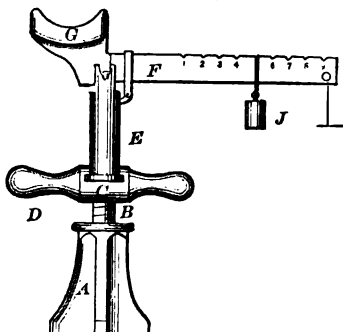
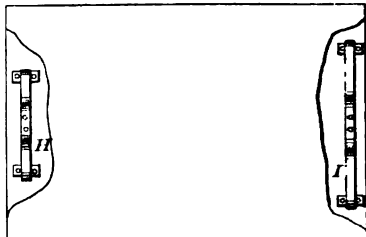
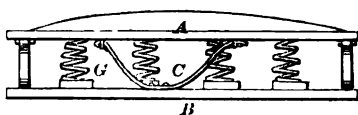
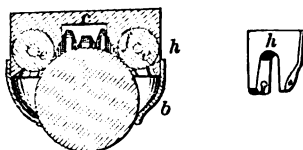
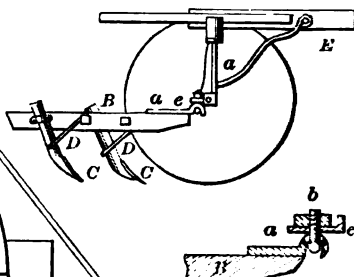
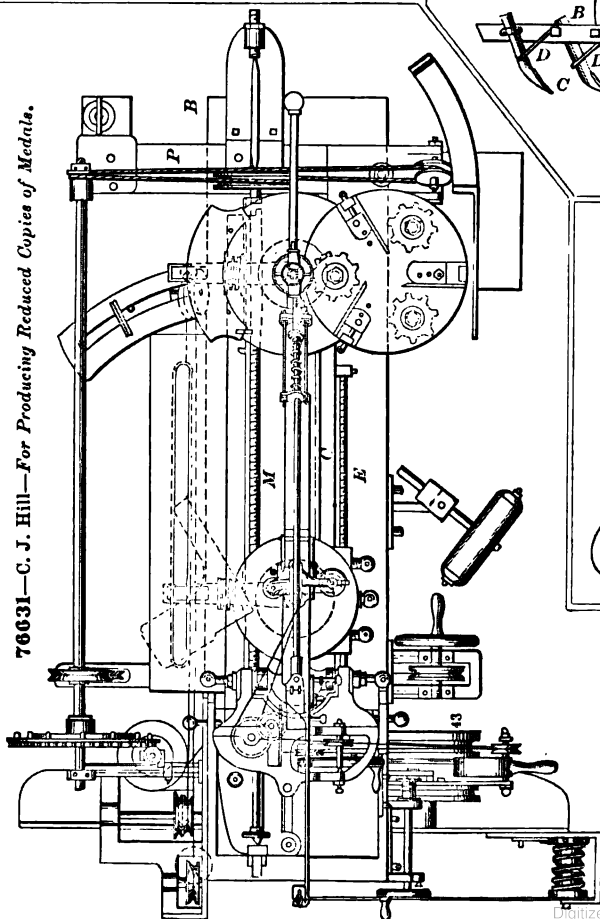
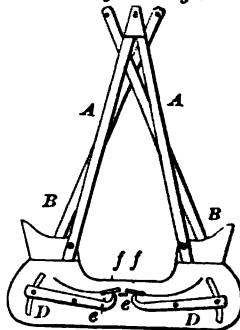
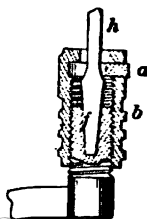


76627—C. R. Hartman—Silvacoil Plow.

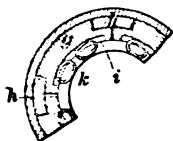
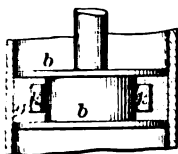


76626—T. Hammond—Harness for Breaking Horses.

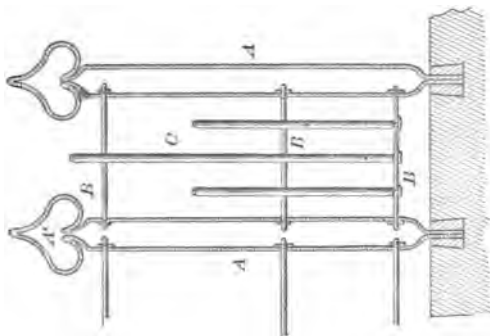


76628—H. M. Hervey—*Jack Scale.***76633**—B. Hitchcock—*Bed Bottom.***76630**—Hickok & Clement—*Ball Caster.***76634**—L. W. Holland—*Cultivator.***76631**—C. J. Hill—*For Producing Reduced Copies of Medals.***76629**—W. Hewett—*Swing Carriage.***76632**—S. B. Hill—*Bit Brace.*

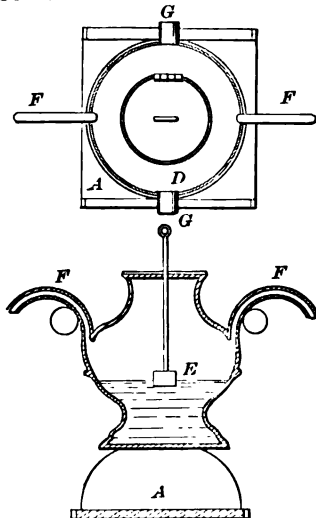
76635—H. S. Hopkins—*Pump Piston.*



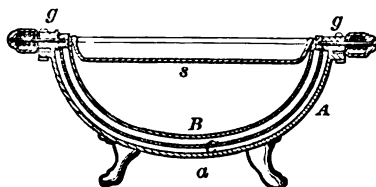
76637—M. Krumm—*Fence Post.*



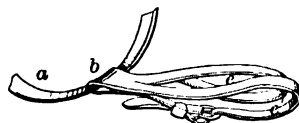
76638—G. Lane—*Ice Pitcher.*



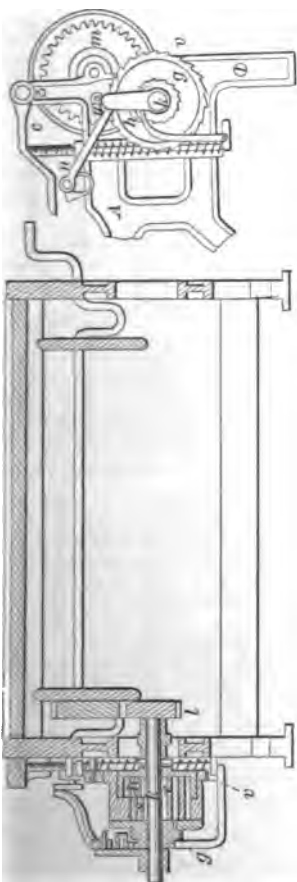
76639—N. Lawrence—*Butter Dish.*



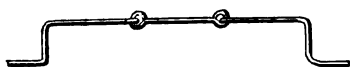
76640—A. H. Lewis—*For Fettering Horses.*



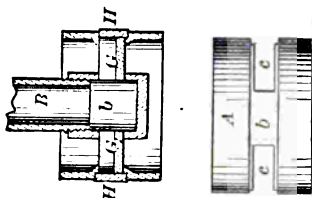
76636—D. Hussey—*Let-off Mechanism for Looms.*



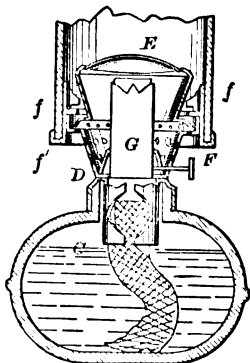
76642—P. Lull—*For Removing Hides from Animals.*



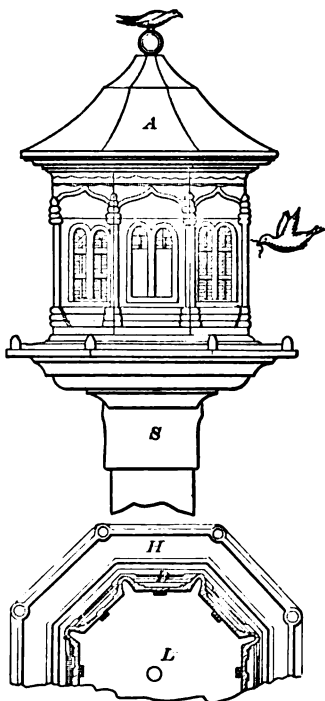
76643—S. G. Mason—Pump Piston.



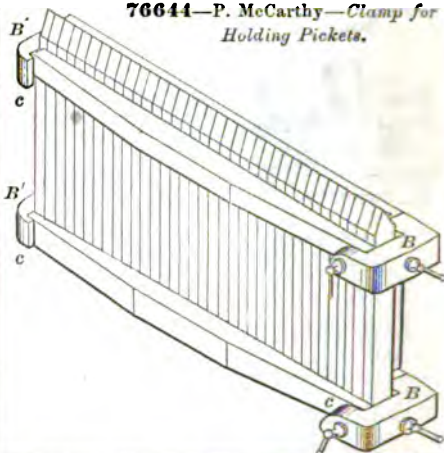
76645—W. C. McGill—Lamp Burner.



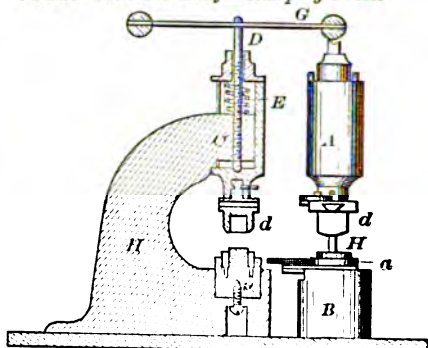
76648—H. Miller—Bird House.



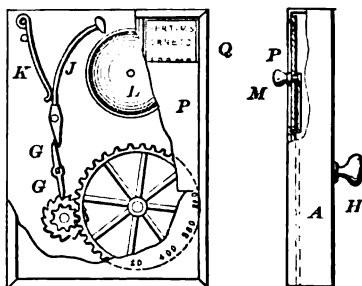
76644—P. McCarthy—Clamp for Holding Pickets.



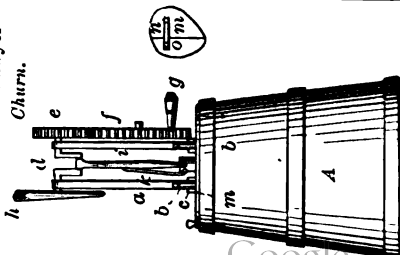
76647—Mead & Addy—Stamping Press.



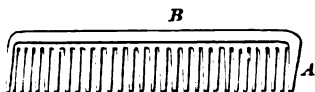
76646—W. C. McGill—Conductors' Register.



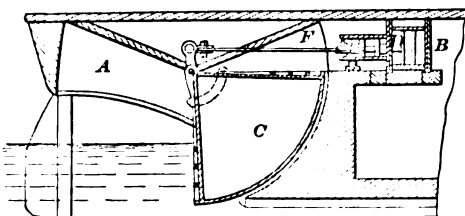
76649—Morse & Sawyer—Churn.



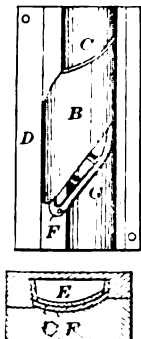
76650—J. P. Noyes—Toilet Comb.



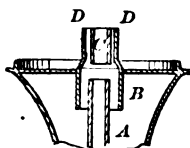
76651—C. M. O'Hara—Propeller.



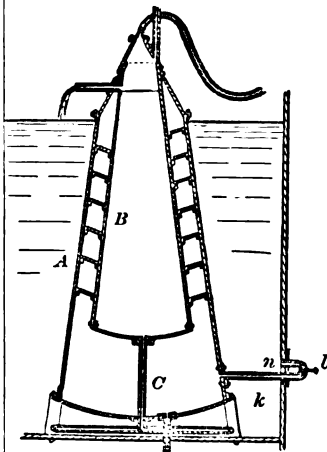
76652—J. Oliver—
Plow Mould Board.



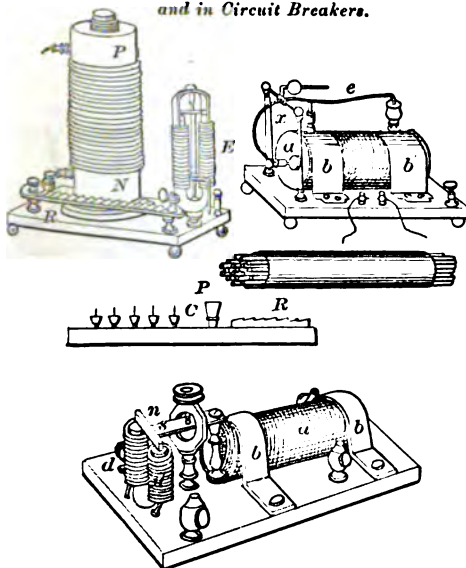
76653—G. K. Osborn—
Lamp Burner.



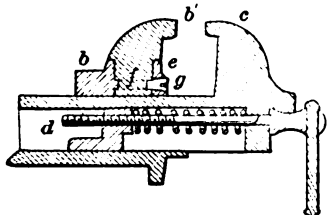
76655—W. Phelan—Condenser.



76654—C. G. Page—Induction Coil Apparatus
and in Circuit Breakers.

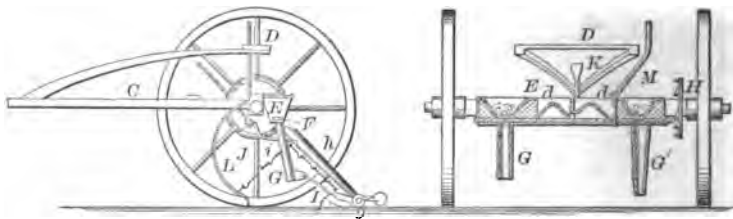
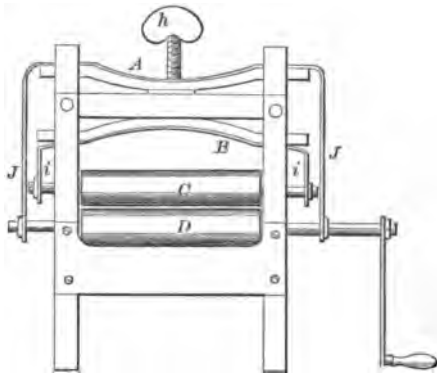
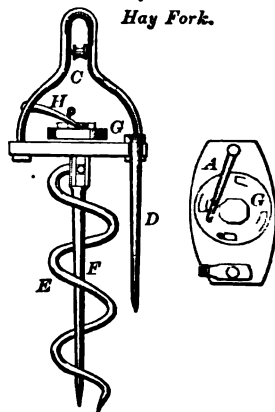
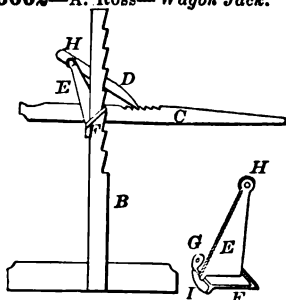
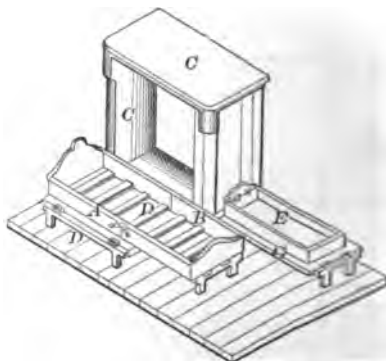
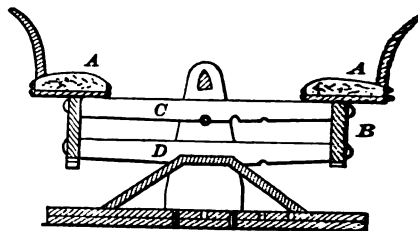


76656—B. L. Randall—Vise.

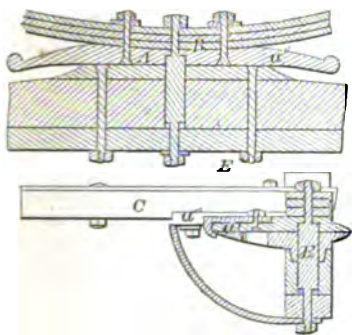


76657—B. Randall—Sulky Harrow.

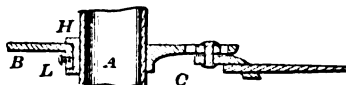


76658—B. Randall—Corn Planter.**76659—B. Reed—Clothes Wringer.****76661—A. Reynolds—Horse Hay Fork.****76662—A. Ross—Wagon Jack.****76664—Shackford & Armand—Bureau Bedstead.****76663—J. W. H. Scott—Mattress.****76666—Smith & Judson—Thill Coupling.****76665—A. F. Sherman—See-Saw.**

76667—S. B. Smith—*Fifth Wheel Bearing.*



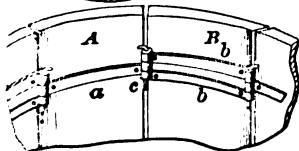
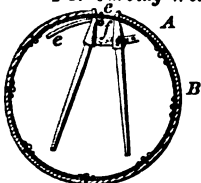
76668—Stiles & Jackman—*Stove Pipe Shelf.*



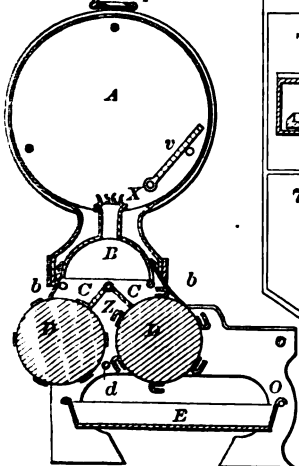
76670—C. C. Stremme—*Bung.*



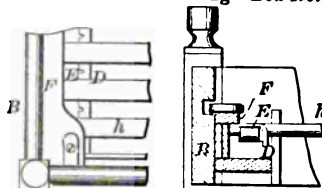
76672—J. A. Sutherland—*For Curbing Wells.*



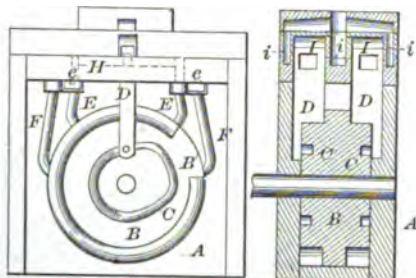
76673—G. J. Swingle—*Fly Trap.*



76674—W. H. Tambling—*Bed Bottom.*



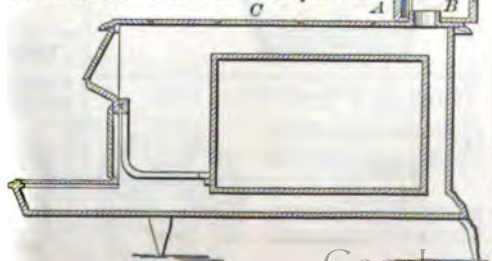
76676—Van Vorhis & Workman—*Rotary Engine.*



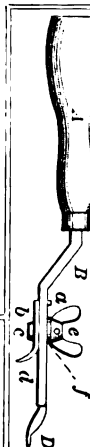
76671—C. Sulzman—*Door Bolt and Lock.*



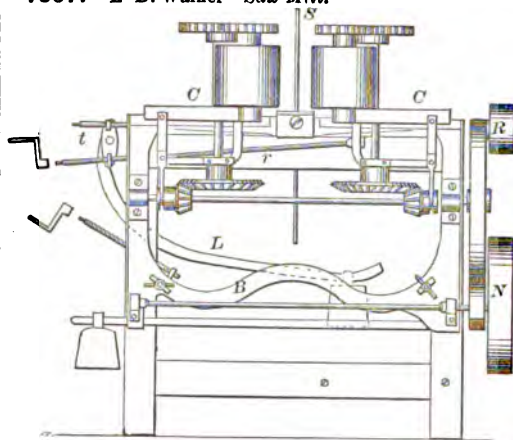
76675—G. Tennie—*Hot Water Tank for Stoves.*



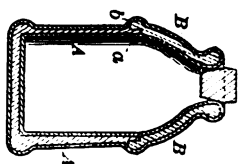
76669—N. F. Stone—*Can Opener.*



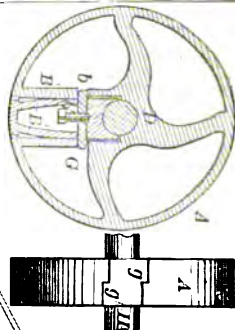
76677—L. B. Walker—Saw Mill.



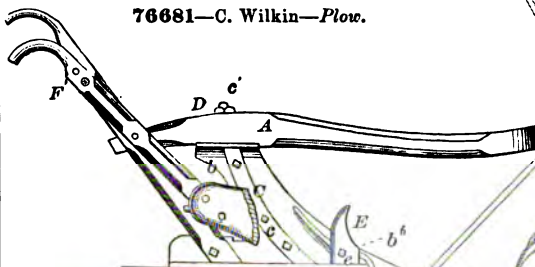
76678—D. P. Webster—Acid Bottle.



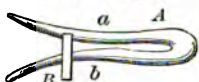
76680—N. Wheeler—Pulley and Gearing.



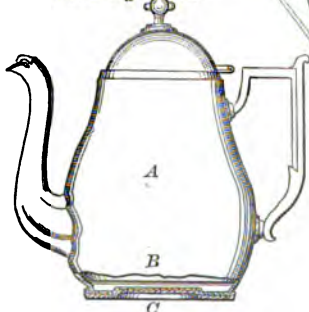
76681—C. Wilkin—Plow.



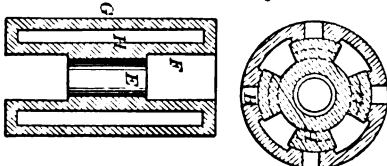
76683—G. W. Wood—Hair Crimper.



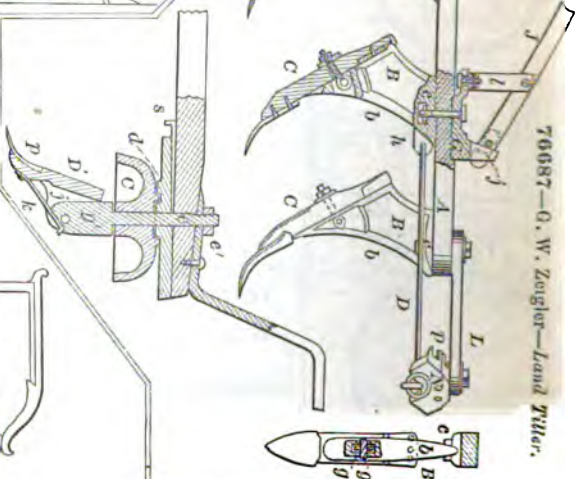
76684—D. B. Woodworth—Tea and Coffee Pot.



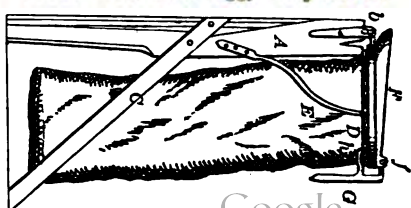
76682—E. D. Wood—Rotary Valve.



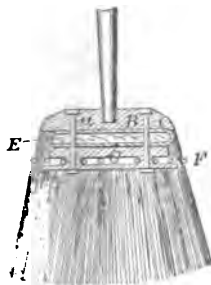
76687—Q. W. Zeigler—Land Mill.



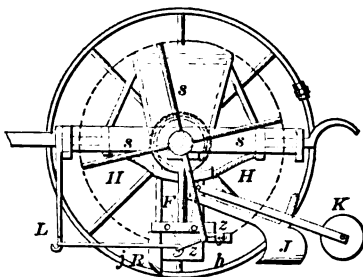
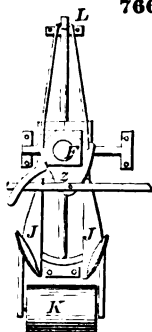
76686—J. & T. R. Yaggy—Bag Holder.



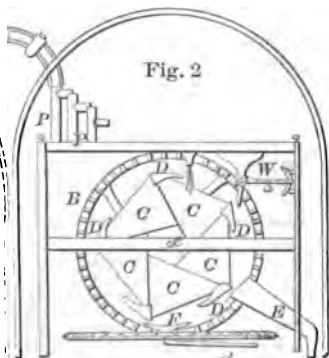
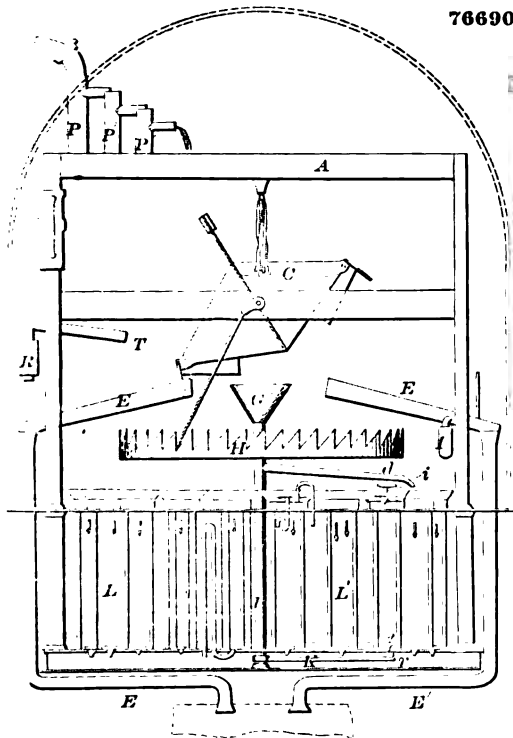
76688—A. Alden—*Broom Head.*



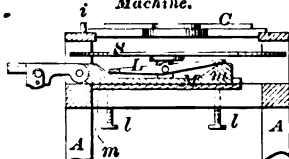
76689—E. W. Allen—*Corn Planter.*



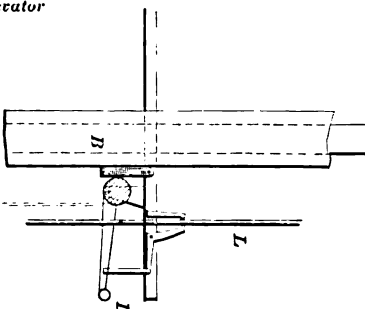
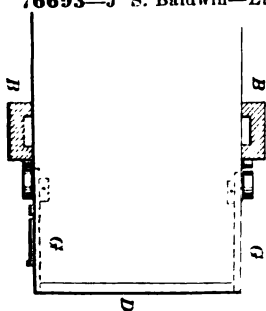
76690—J. G. Allen—*Spirit Meter.*



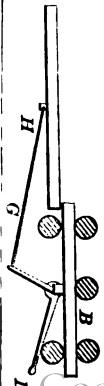
76691—J. E. Austin—*Shingle Machine.*



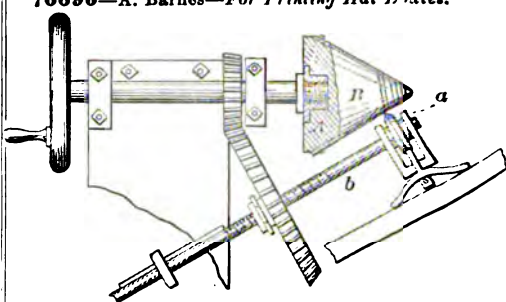
76693—J. S. Baldwin—*Elevator.*



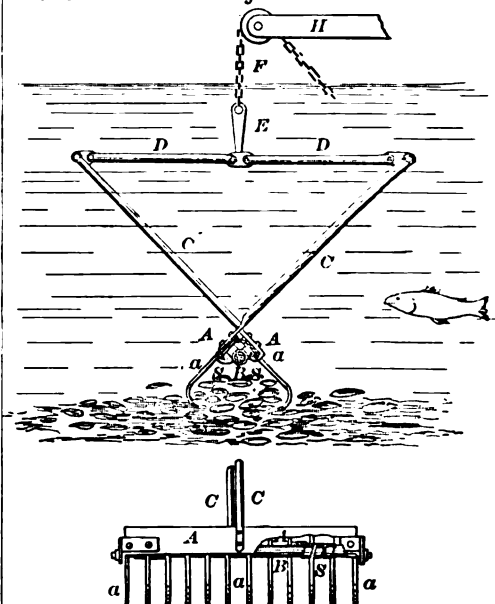
76692—J. S. Baldwin—*Elevator.*



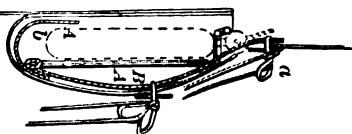
76696—A. Barnes—For Printing Hat Bodies.



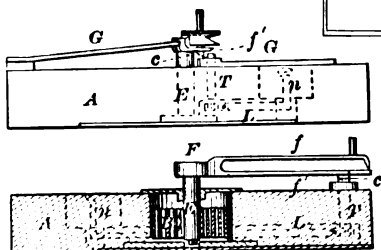
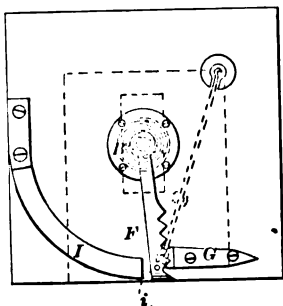
76697—A. Barrett—Oyster Rake.



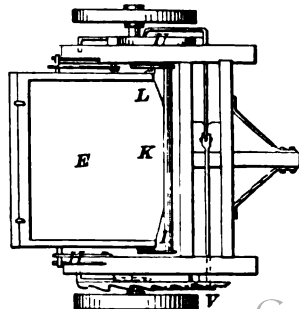
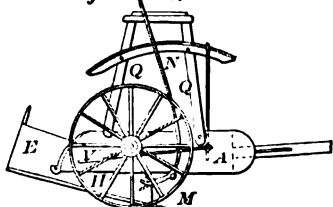
76699—C. Baumann—Watch Protector.



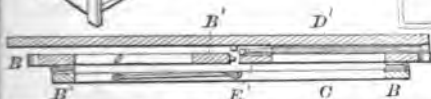
76700—R. Beem—Rat Trap.



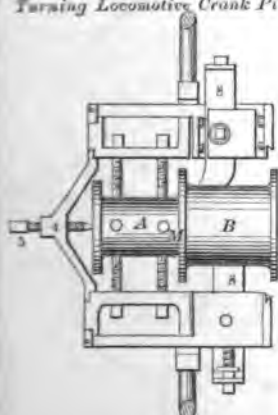
76698—Bartlit & Merryman—Grading Machine.



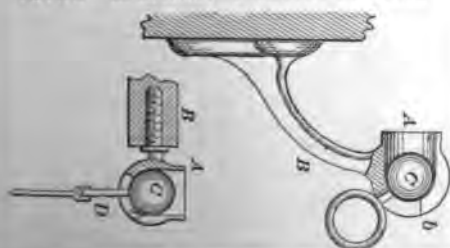
76701—G. I. Birch—Ironing Board.



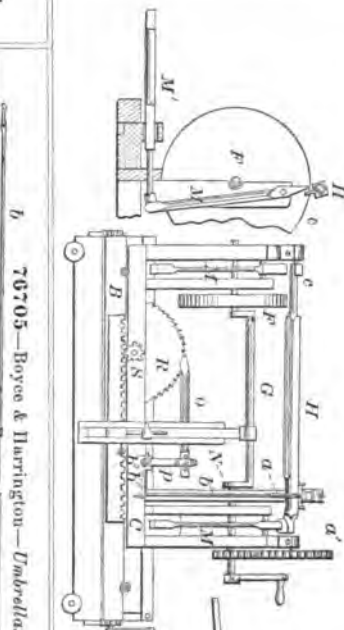
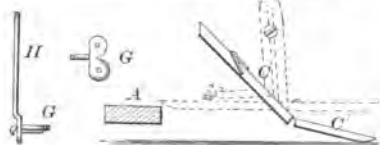
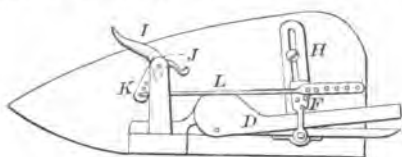
76702—Blythe & Hayes—For Turning Locomotive Crank Pins.



76706—H. Breevort—Detachable Ball Joint.

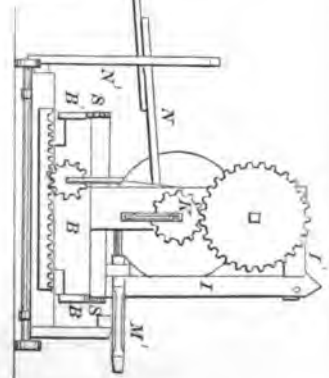
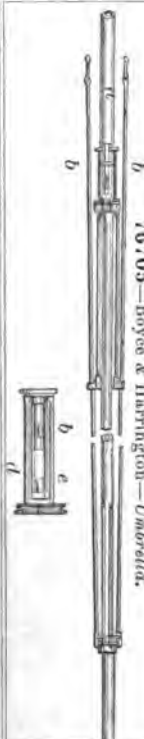


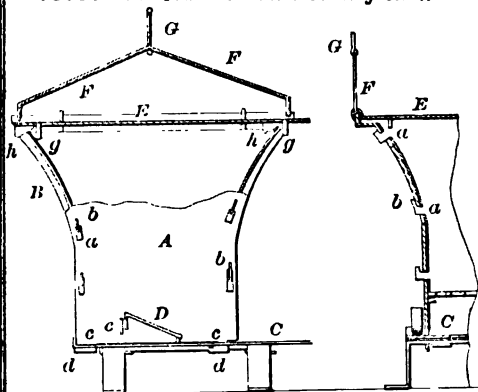
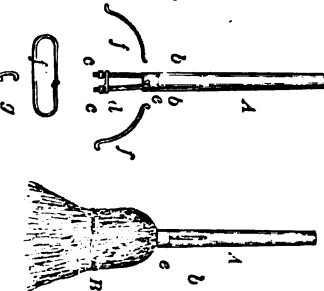
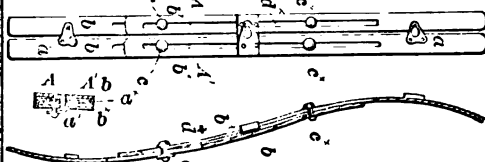
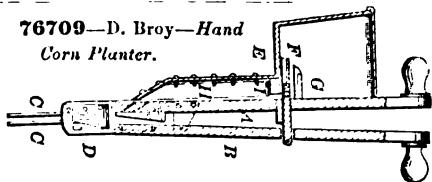
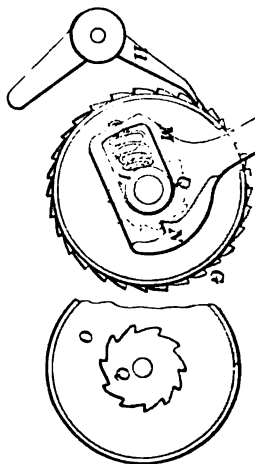
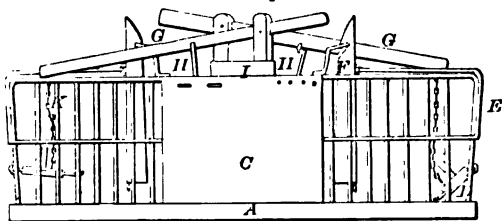
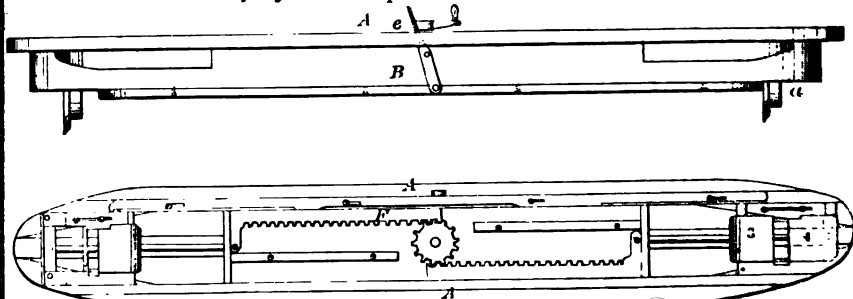
76703—J. W. Bope—Platform for Harvesters.



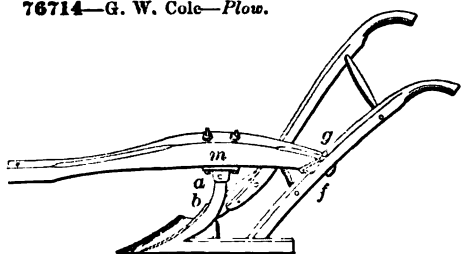
76704—J. Horton—Coal Excavating Machine.

76705—Boyes & Harrington—Umbrella.

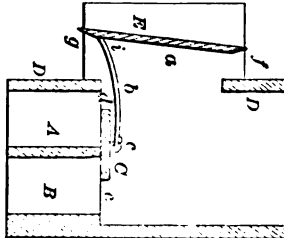


76707—H. Brown—*Portable Cooking Stove.*76710—J. Buercky—*Broom.*76708—Brown & Willets—*Corset Spring.*76709—D. Broy—*Hand Corn Planter.*76712—W. H. Castle—*Water Elevator.*76713—J. J. Cline—*Animal Trap.*76711—J. Busser—*Shifting Bucket Propeller*

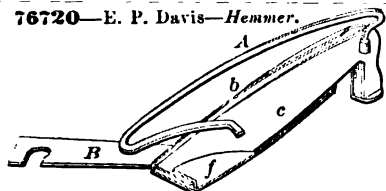
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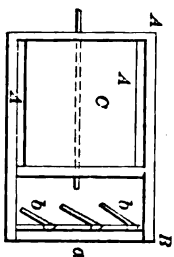
76717—R. T. Crane—Ventilator.



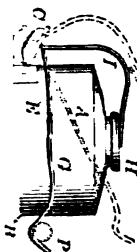
76720—E. P. Davis—Hemmer.



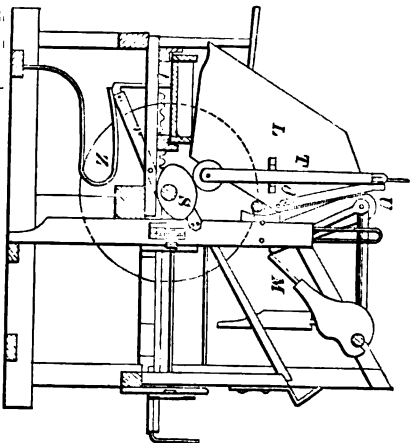
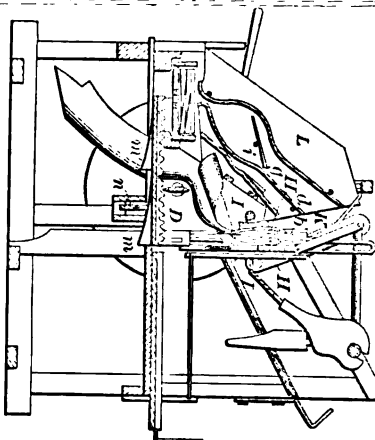
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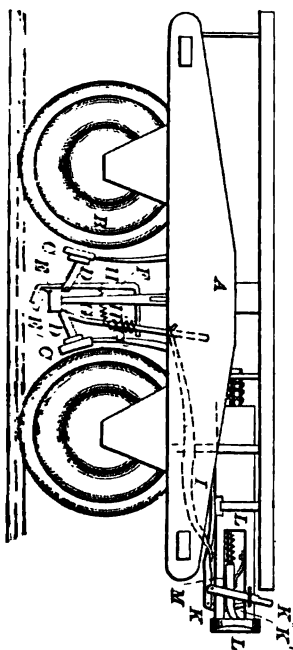
76719—Darling & Hall—
Jacketand.



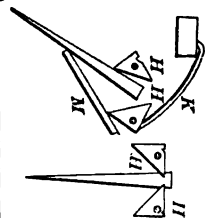
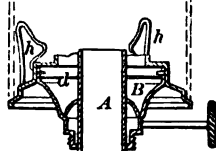
76721—J. P. N. Davis—Shingle Machine.

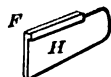
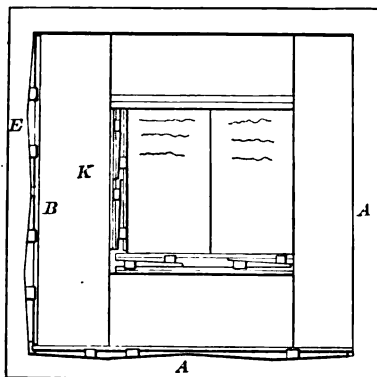
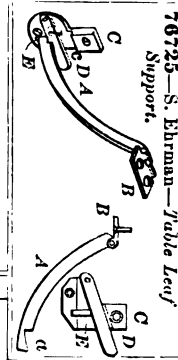
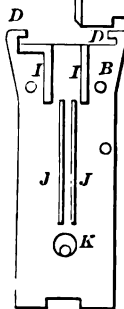
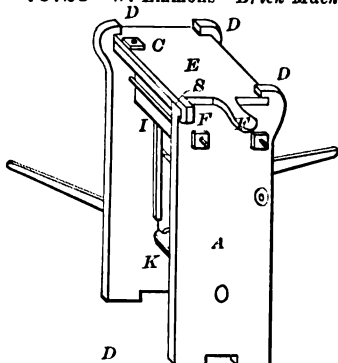
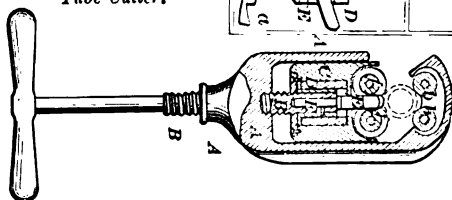
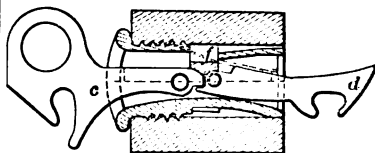
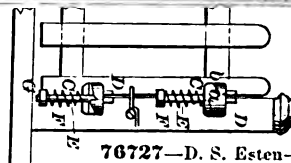
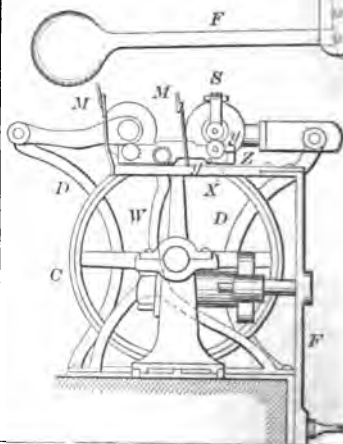
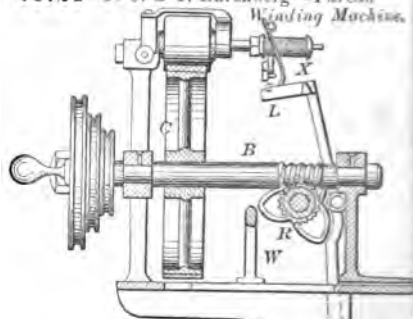


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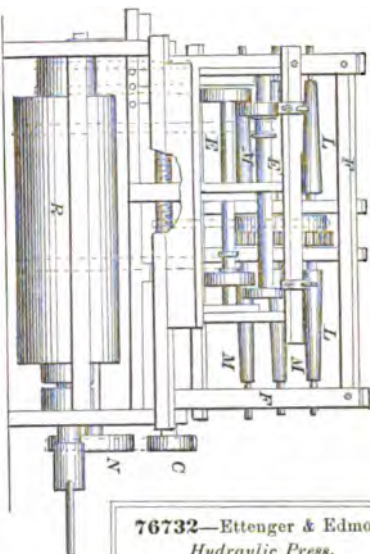
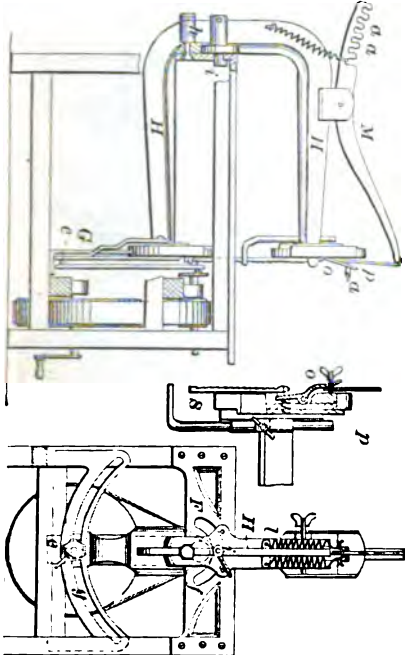


76716—H. Coulter—Lamp
Burner.



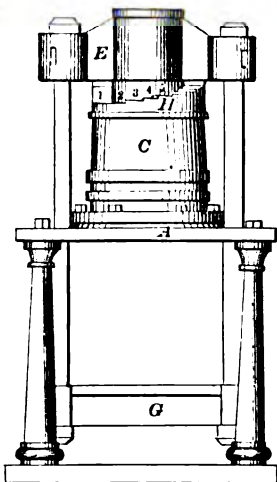
76722—R. Dick—Printers' Chase.**76726—W. Emmons—Brick Machine.****76729—J. De Galleford—Tube Cutter.****76723—B. Doe—Shutter Fastening.****76724—F. C. & T. Ehrenberg—Thread Winding Machine.****76727—D. S. Esten—Hinge.****76728—T. Evans—Ear for Kettle Bails.**

76730—B. Demming—Scroll Saw Mill.

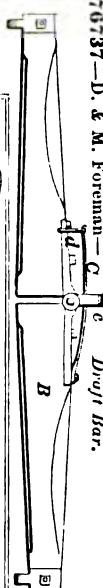


76733—G. W. Folles—Wood Lathe.

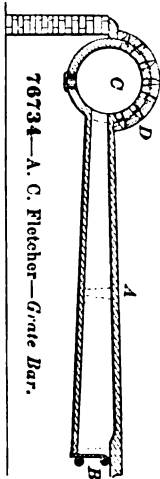
76732—Ettenger & Edmond—Hydraulic Press.



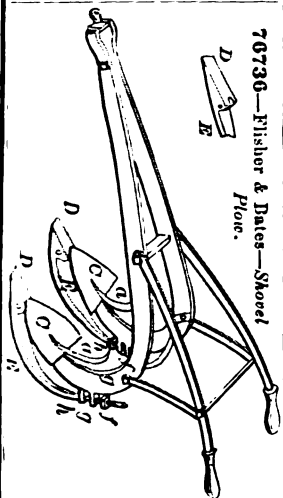
76737—D. & M. Foreman—C. Drift Bar.



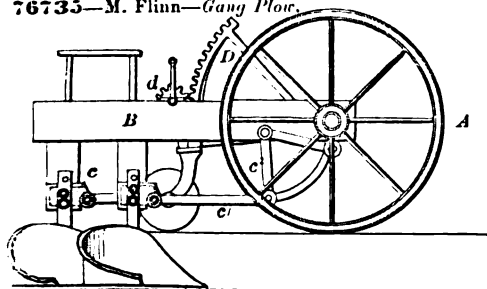
76734—A. C. Fletcher—Grate Bar.



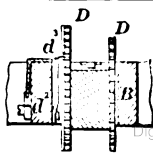
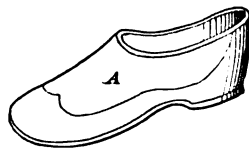
76736—Fisher & Bates—Shovel Pile.

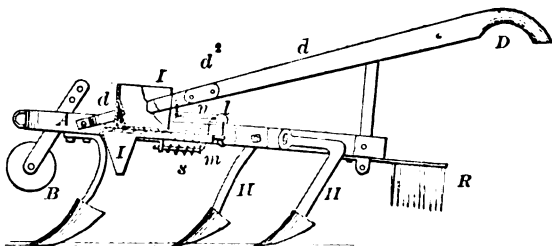
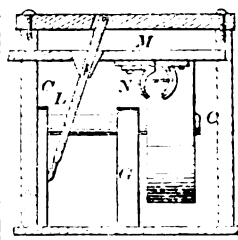
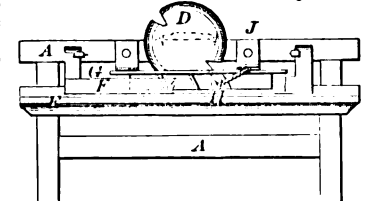
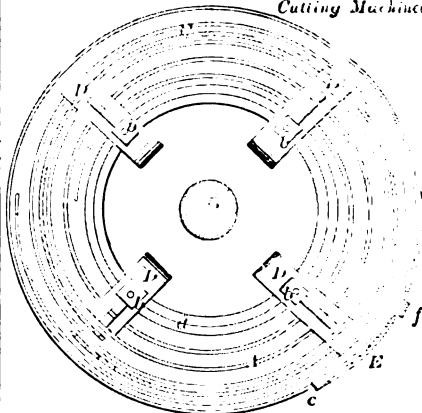
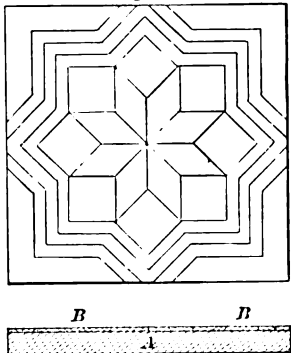
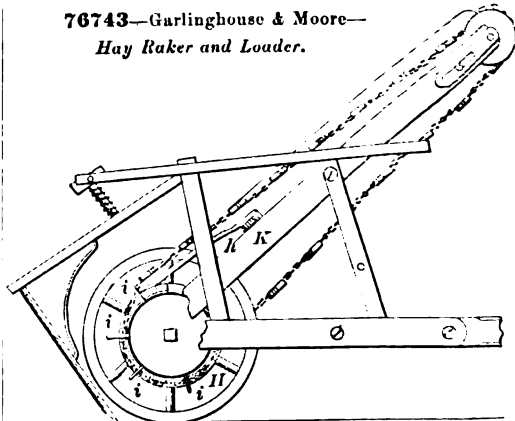
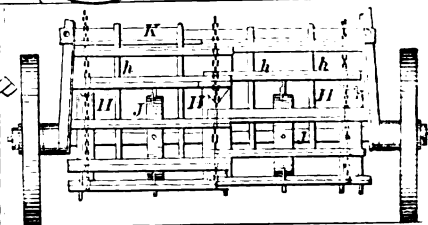
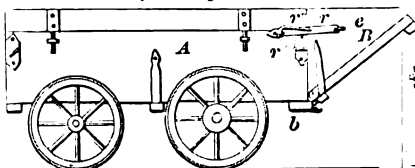


76735—M. Flinn—Gang Plow.

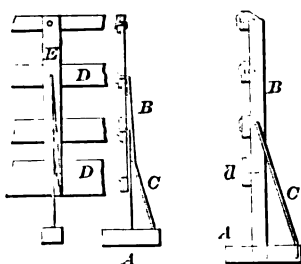


76731—L. Elliott, Jr.—Overshoe.

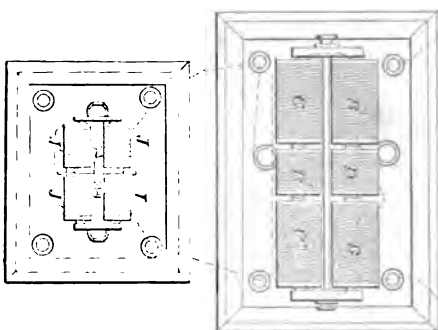


76738—J. H. Frampton—*Corn Planter and Plow.***76739**—T. W. Frost—*Shipper for Shifting Belts.***76740**—O. P. Furman—*Planing Machine.***76741**—W. M. Galusha—*Scroll Index for Gear Cutting Machines.***76742**—G. G. Garibaldi—*Mosaic Floor.***76743**—Garlinghouse & Moore—*Hay Raker and Loader.***76744**—F. Gerard—*Hopper Attachment for Wagons.*

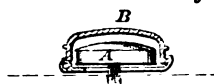
76745—J. A. Gormly—*Fence.*



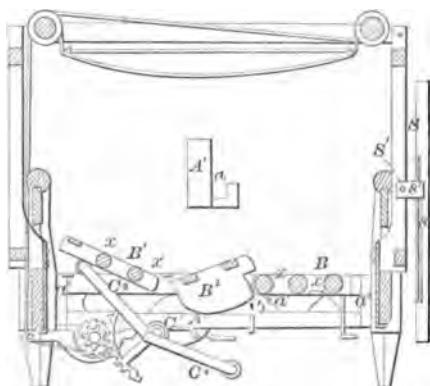
76748—E. Gray—*Telegraph Apparatus.*



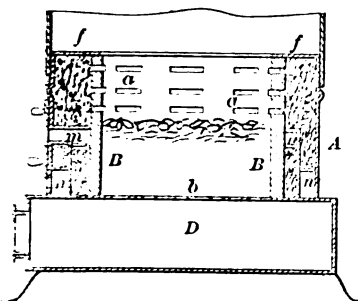
76746—P. H. Gould—*Detachable Button Covering.*



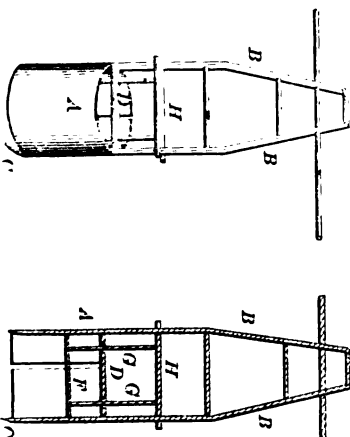
76747—E. Gray—*Hospital Bed.*



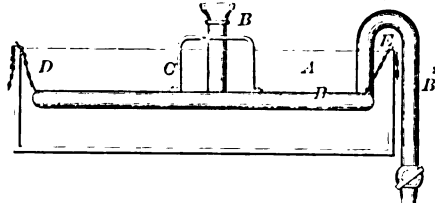
76750—C. B. Gregory—*Fireplace.*



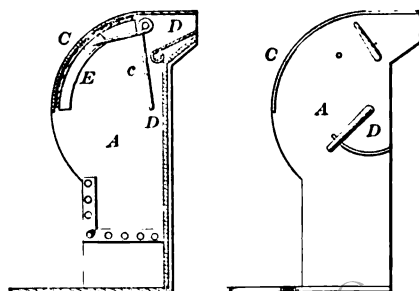
76752—W. I. Hale—*Post Hole Boring Machine.*

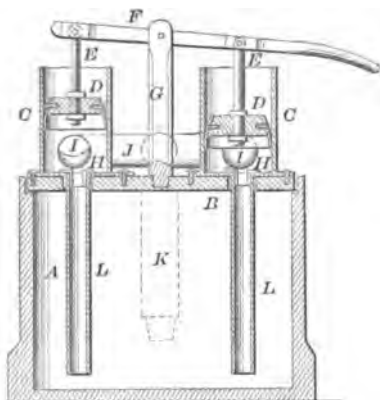
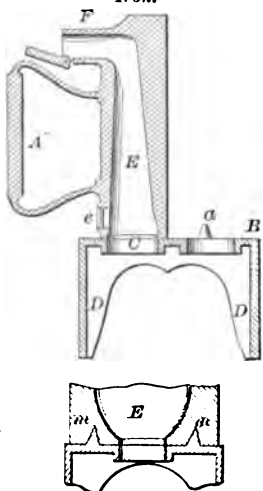
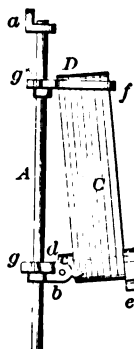
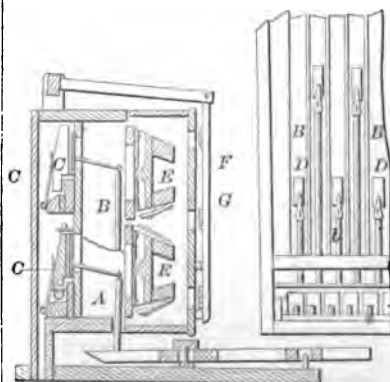
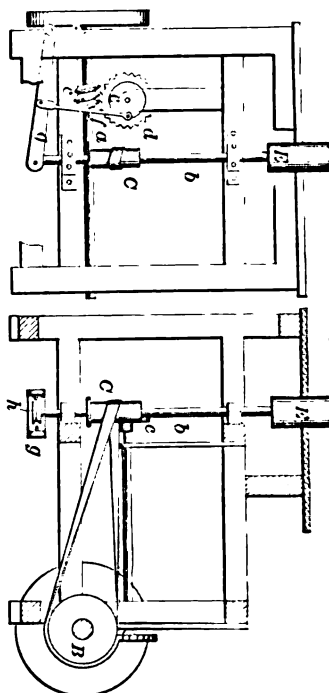
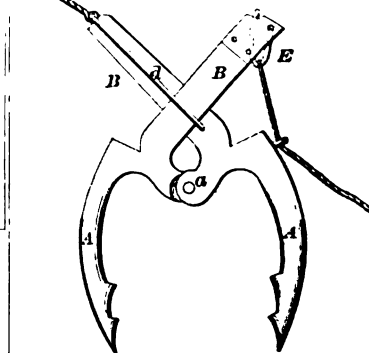
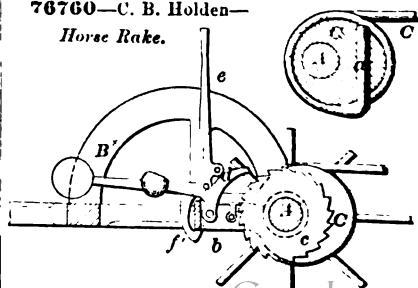


76749—Greenleaf & Larkins—*For Treating Milk.*

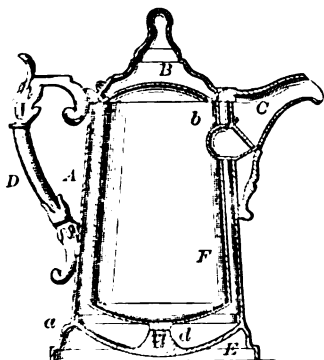


76751—W. D. Guseman—*Fireplace.*

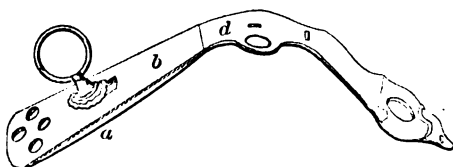


76753—D. C. Hall—*Atmospheric Churn.***76754**—J. W. Hall—*Sad Iron.***76756**—H. J. Hancock—*Clothes Drier.***76759**—F. Hoddick—*Reed Organ.***76755**—G. F. Hammer—*For Polishing Wood.***76758**—S. M. Hoagland—*Horse Hay Fork.***76760**—C. B. Holden—*Horse Rake.*

76761—R. Holmes—*Ice Pitcher.*



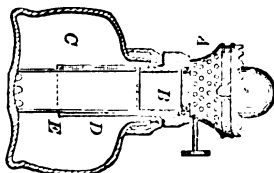
76762—B. F. Hooper—*Coach Pad.*



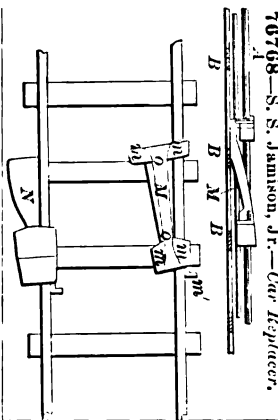
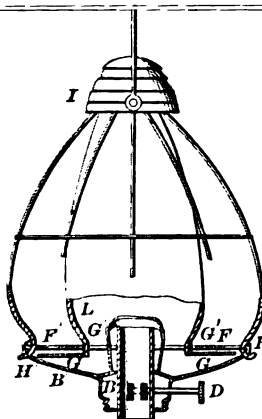
76766—
E. D. Ives—
Glass Knob.



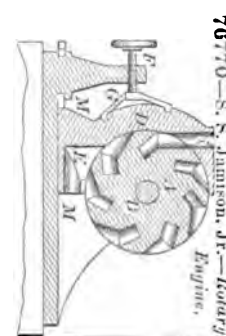
76764—M. W. House—*Lamp.*



76767—A. S. Jackson—*Lantern.*

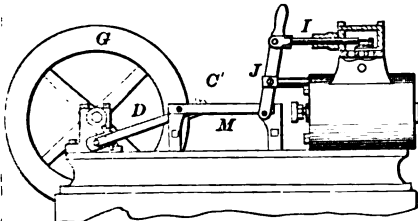


76768—S. S. Jamison, Jr.—*Car Keyholder.*

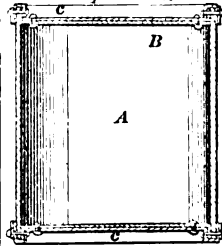


76770—S. S. Jamison, Jr.—*Rotary Engine.*

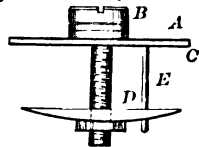
76769—S. S. Jamison, Jr.—*Valve Gear.*



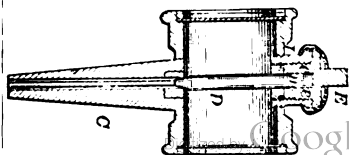
76771—J. W. Jarboe—*Paper Cask.*



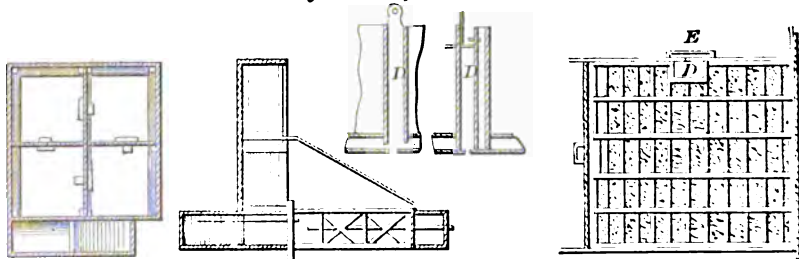
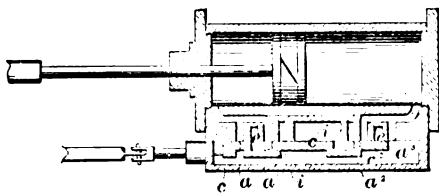
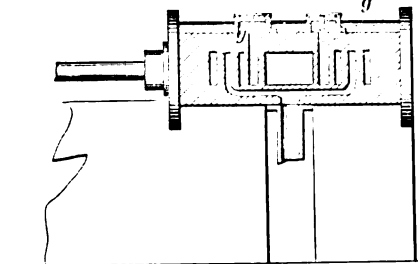
76772—E. T. Jenkins—*For Closing the Mouths of Jars.*



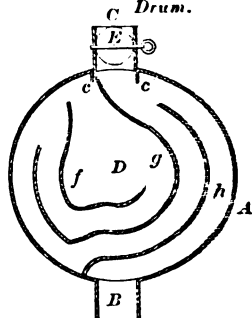
76774—E. Johnson—*Lubricator.*



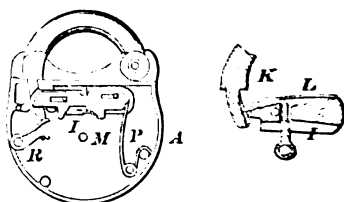
76775—J. W. Jones—For Making Extracts from Bark.

76776—T. L. Jones—Engine Slide Valve, *g*.

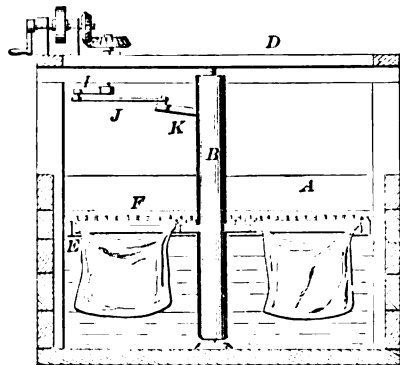
76779—D. Knowlton—Store Pipe Drum.



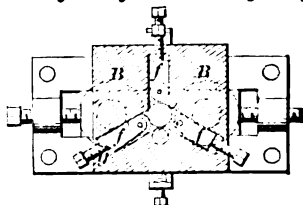
76780—J. E. Kohout—Padlock.



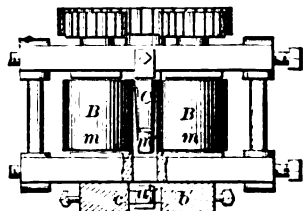
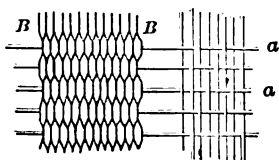
76777—L. L. Kelly—For Tanning.



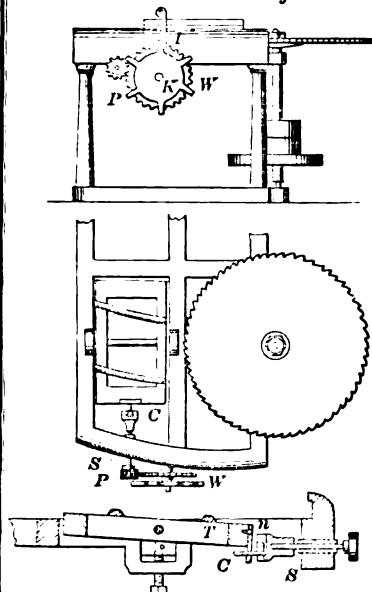
76781—Laforge & Geddes—For Straightening and Rounding Shafting.



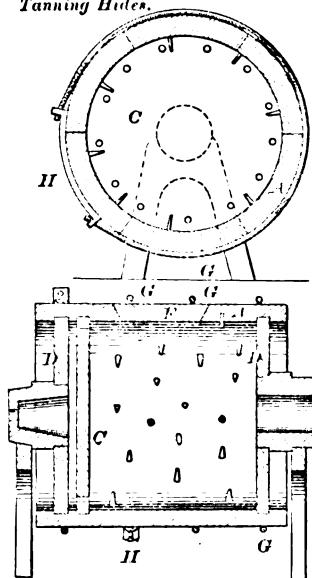
76783—I. Lindsley—Woven Fabric.



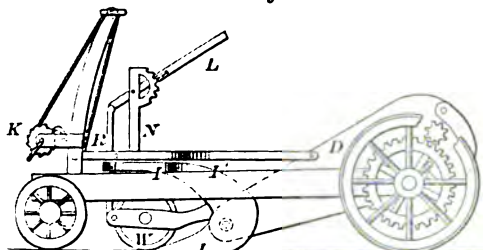
76782—P. H. Lawler—*Shingle Machine.*



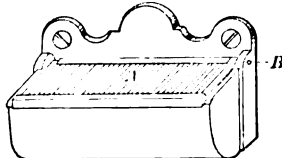
76784—J. W. Lull—*Revolving Cylinder for Tanning Hides.*



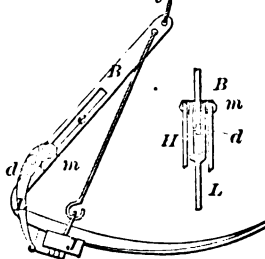
76788—J. Masters—*Ditching Machine.*



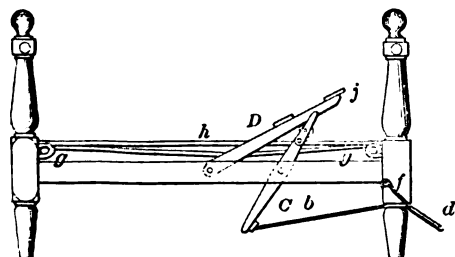
76786—A. Martin—*Match Box.*



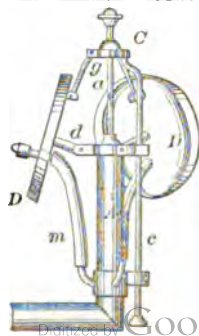
76787—Martin & Blocher—*Horse Hay Fork.*



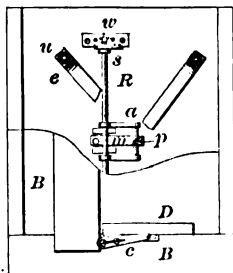
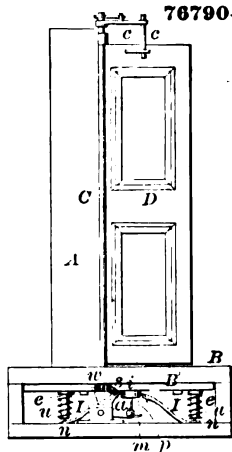
76785—J. S. Mabbett—*Bed Bottom.*



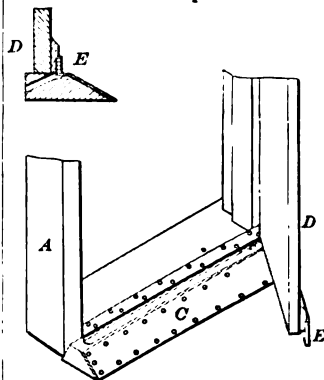
76789—W. J. McLen—*Gas Reflector.*



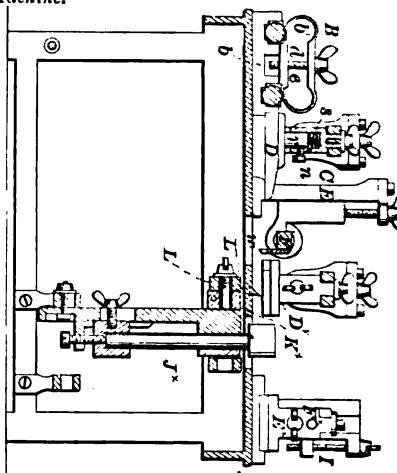
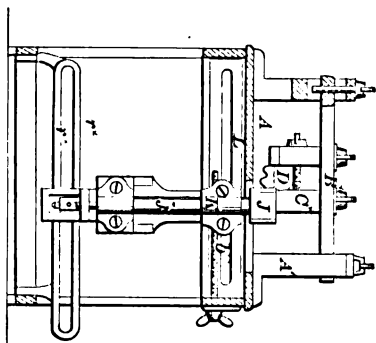
76790—G. M. McMahan—Door.



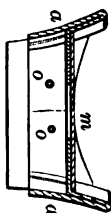
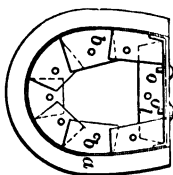
76793—J. R. Mills—Weather Strip.



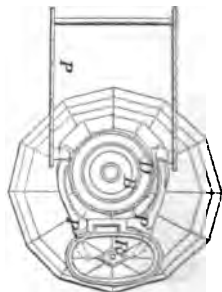
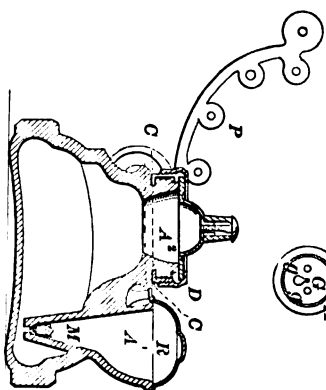
76791—R. N. Meriam—Wood Planing Machine.



76791—R. N. Meriam—Wood Planing Machine.

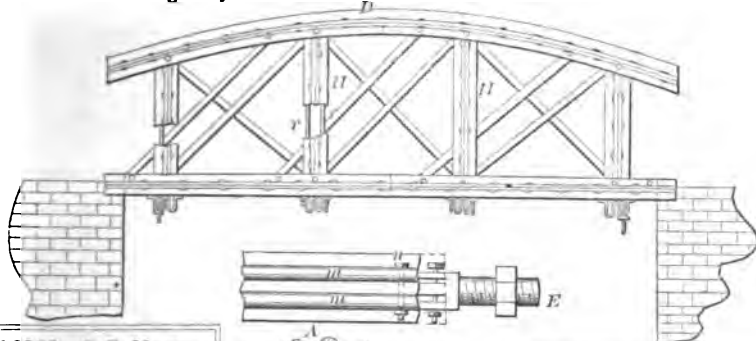


76794—J. R. Mott—Heel Casing.

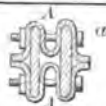


76792—O. Merrill—Fuel Tank.

76795—R. Montgomery—Metal Beam.



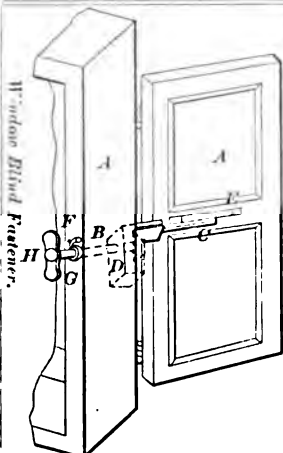
76797—C. B. Morse—
Making Rings for
Ring Spinning.



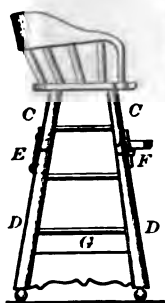
76796—I. Morris—Work
Stand.



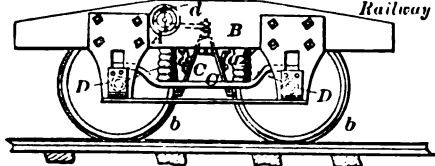
76799—D. B. & C. C. Mosher—



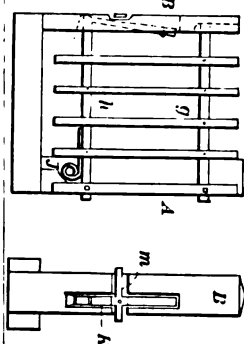
76801—J. Nichols—Chair.



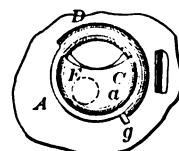
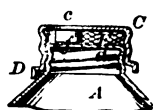
76803—L. E. Osborn—Indicator for Springing
Railway Axles.



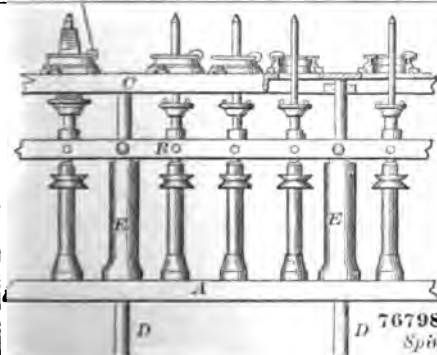
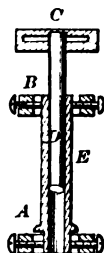
76800—E. M. Naramore—Gate.



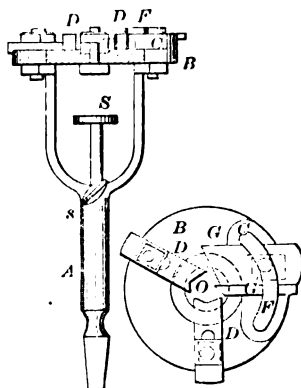
76802—J. H. Noyes—
Oil Can Cap.



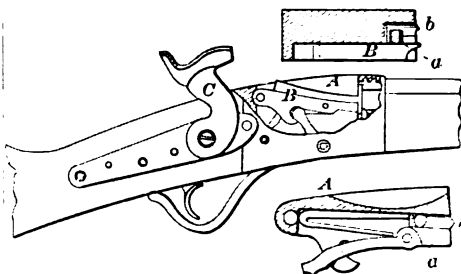
76798—C. B. Morse—
Spinning Frame.



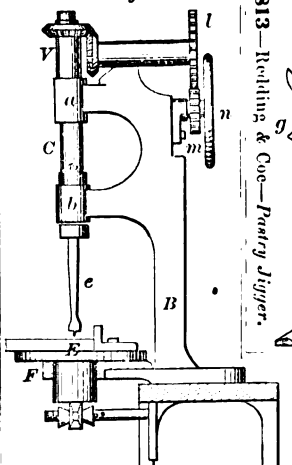
76804—J. L. Parker—Hollow Auger.



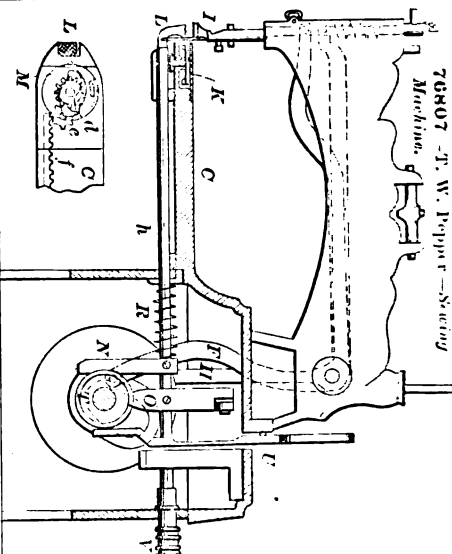
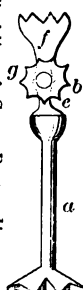
76803—H. O. Peabody—Fire Arm.



76808—G. B. Phillips—Mortising Machine.

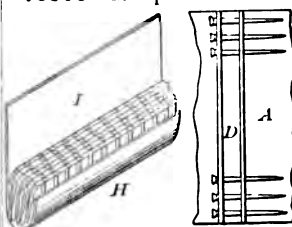


76813—Rolling & Coe—Pantry Jigger.

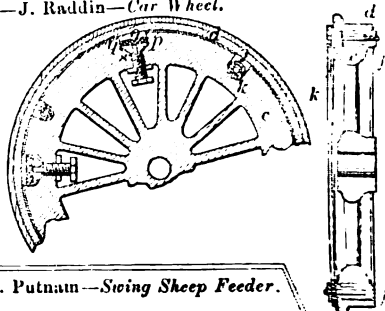


76807—T. W. Pepper—Stringing Machine.

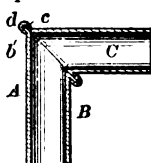
76809—T. Piper—Pin Book.



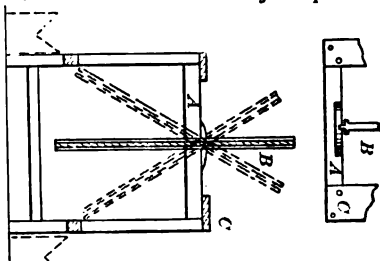
76811—J. Raddin—Car Wheel.

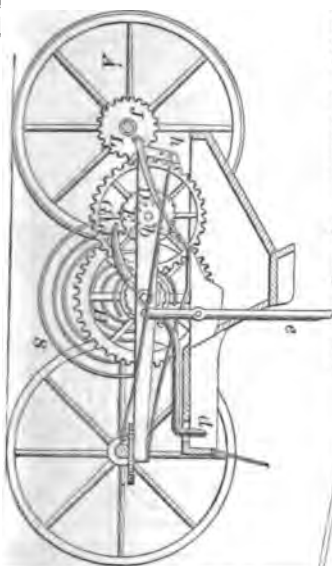


76812—C. Recht—Stove Pipe Elbow.

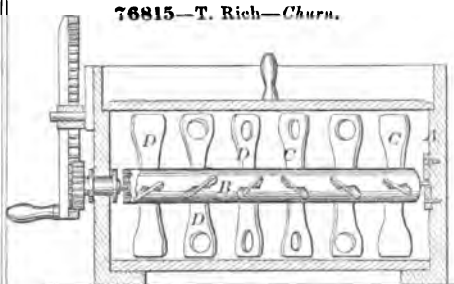


76810—A. Putnam—Swing Sheep Feeder.

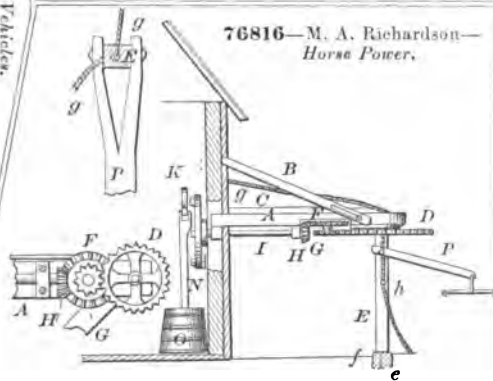




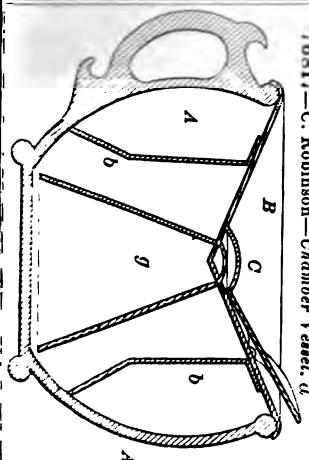
76814—T. Rhoads—Propelling Vehicle.



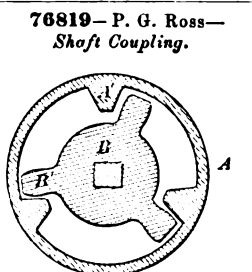
76815—T. Rich—Churn.



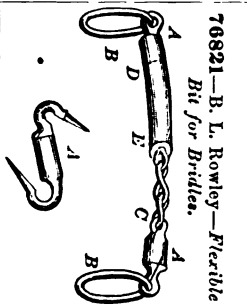
76816—M. A. Richardson—Horse Power.



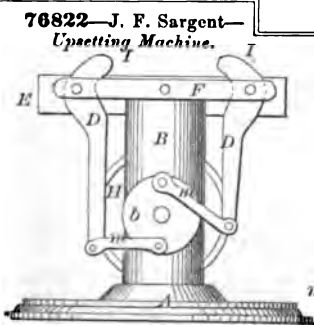
76817—C. Robinson—Chamber Vessel.



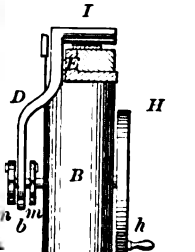
76819—P. G. Ross—Shaft Coupling.



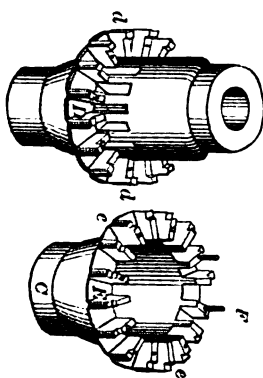
76821—B. L. Rowley—Flexible Bit for Bridles.



76822—J. F. Sargent—Upsetting Machine.

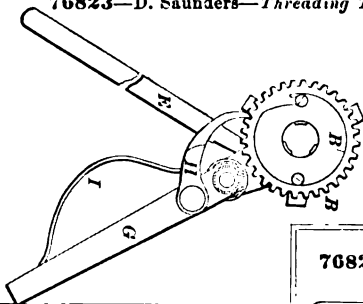


76820—J. G. Roth—Nutmeg Grater.

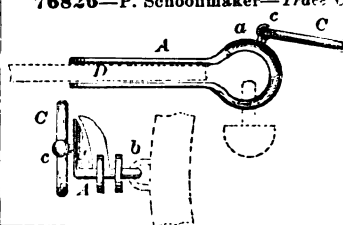


76818—W. H. Rodehorst—Wagon Wheel Hub.

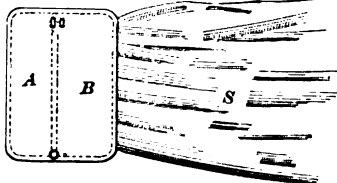
76823—D. Saunders—Threading Tube.



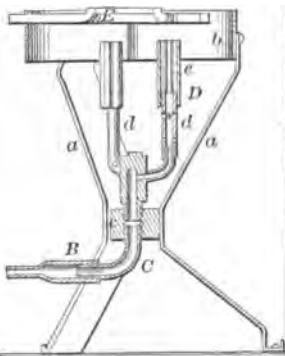
76826—P. Schoonmaker—Trace Clip.



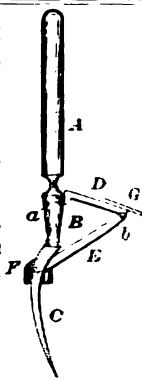
76829—S. H. Scribner—Shirt Wristband.



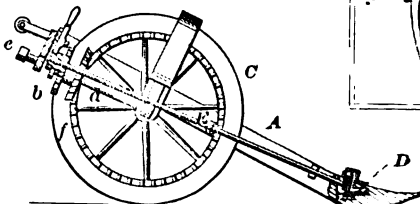
76828—P. Schryer—Gas Heater.



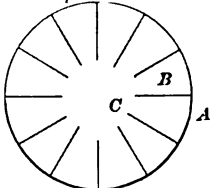
76835—H. Smith—Cook Fork.



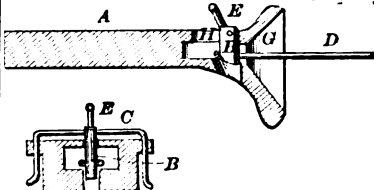
76831—S. W. Sears—Lawn Mower.



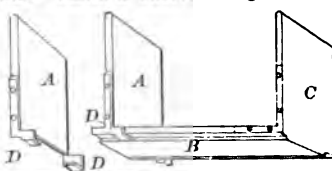
76830—H. D. Scudder—Paper Box.



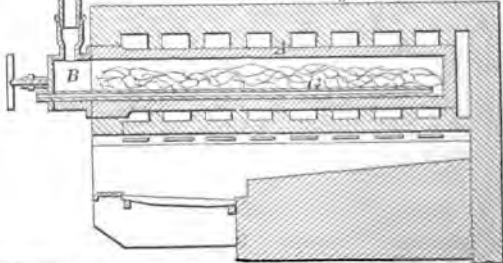
76833—D. V. B. Smart—Car Coupling.



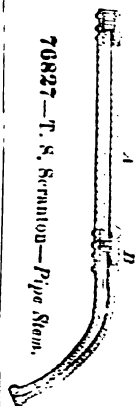
76834—Smith & Cheever—Paper File.



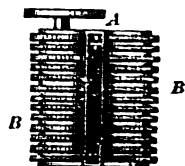
76837—Somerville & Elsdon—Manufacture of Illuminating Gas.



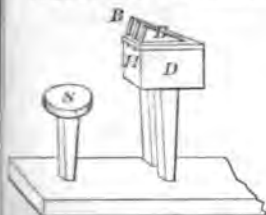
76827—T. S. Scrantom—Pipe Stem.



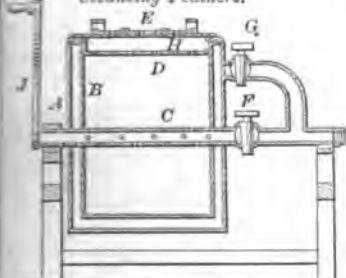
76836—J. H. Smith—Lamp.



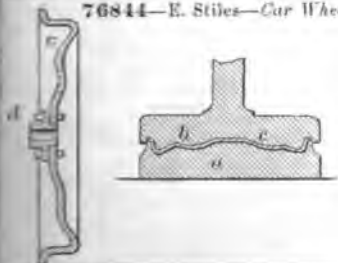
76839—E. I. Stearns—School Desk.



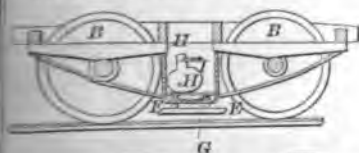
76840—H. B. Steele—For Cleansing Feathers.



76844—E. Stiles—Car Wheel.



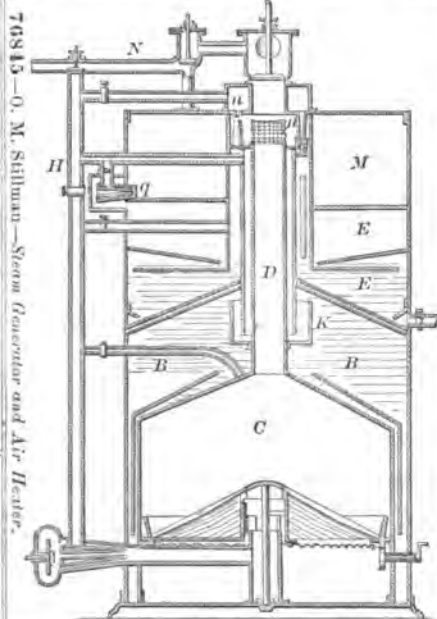
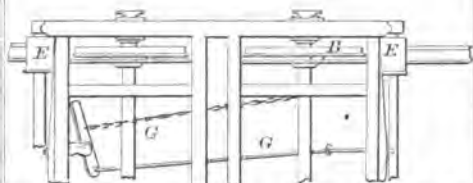
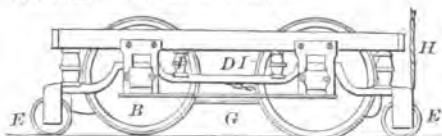
76843—E. Stiles—Car Brake.



76846—D. Stone—Fruit Jar.

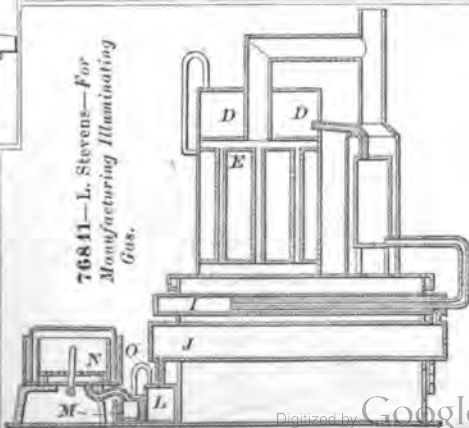


76842—E. Stiles—Car Truck.

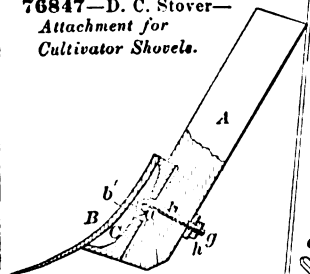


76845—O. M. Stillman—Steam Generator and Air Heater.

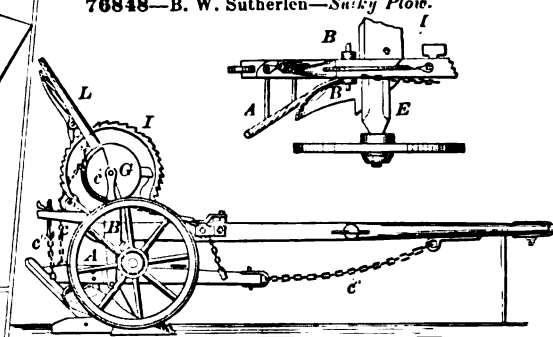
76841—L. Stevens—For Manufacturing Illuminating Gas.



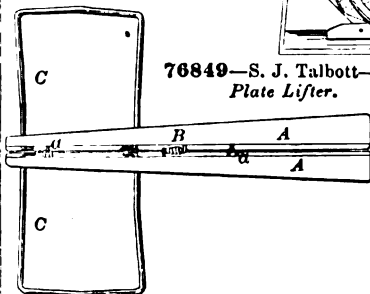
76847—D. C. Stover—
Attachment for
Cultivator Shovels.



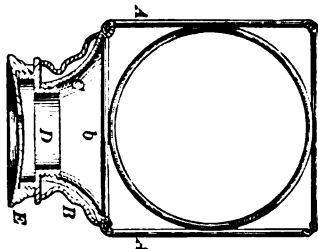
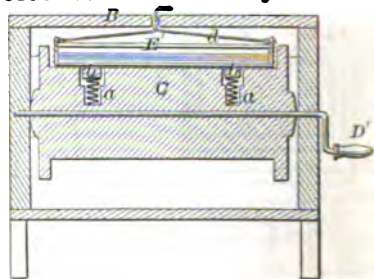
76848—B. W. Sutherlen—*Sulky Plow.*



76849—S. J. Talbott—
Plate Lifter.



76850—E. T. Tinch—*Washing Machine.*



76852—C. F. Waldron—
Vehicle Lamp.

76851—D. J. Tittle—*For Raking Potatoes.*

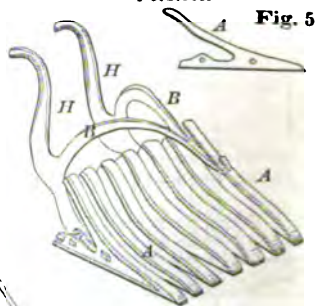
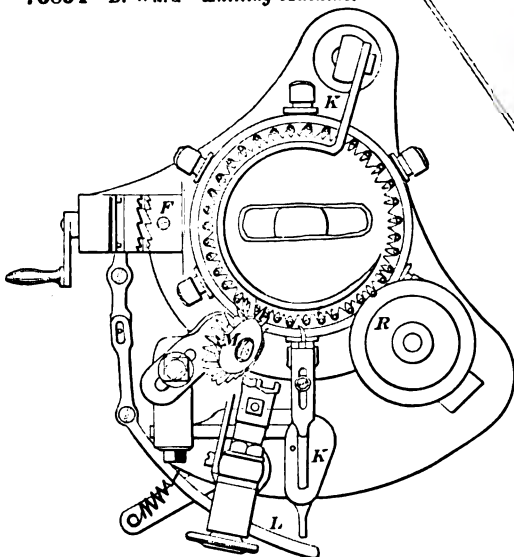
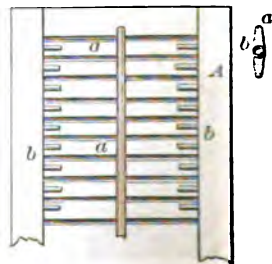


Fig. 5

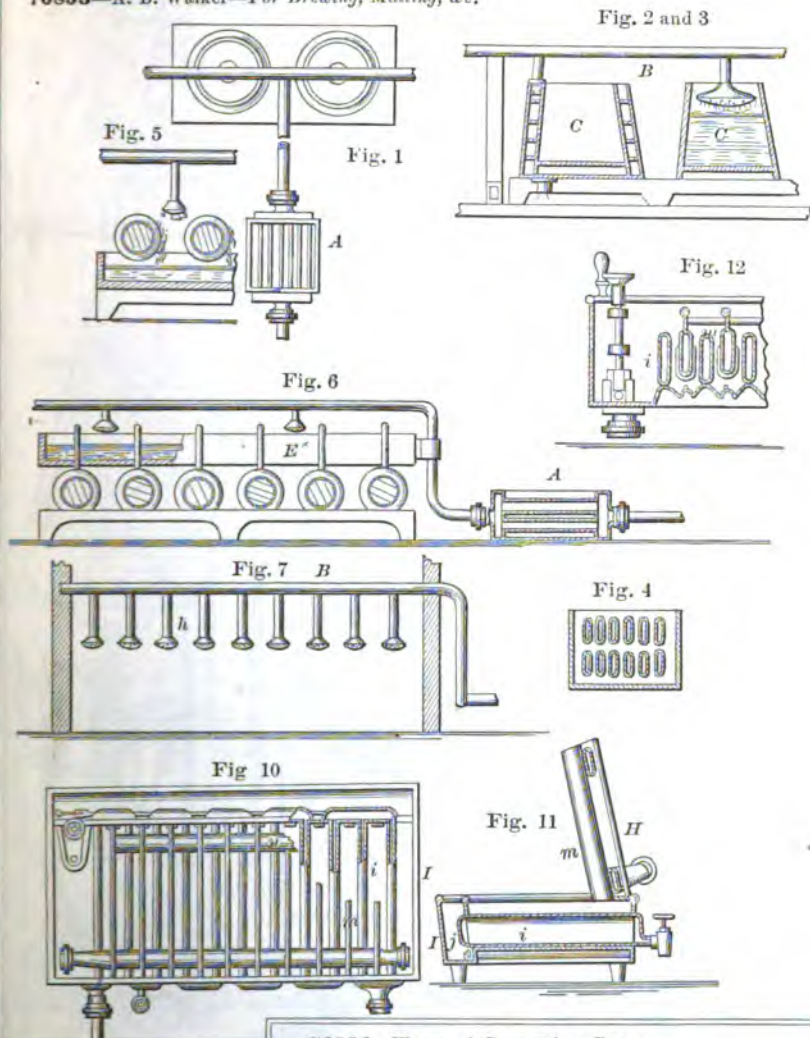
76854—B. Ward—*Knitting Machine.*



76855—C. H. Warner—
Window Blind.



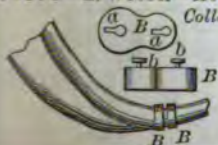
76853—A. B. Walker—For Brewing, Malting, &c.



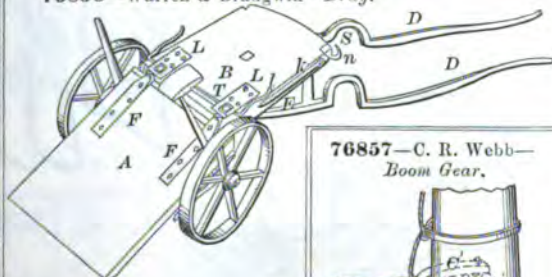
76859—H. J. Weed—
Chimney Cap.



76858—E. Webber—Horse
Collar.



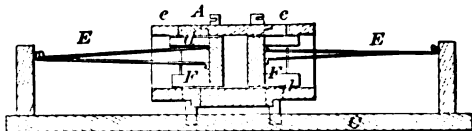
76856—Warren & Brangwin—Dray.



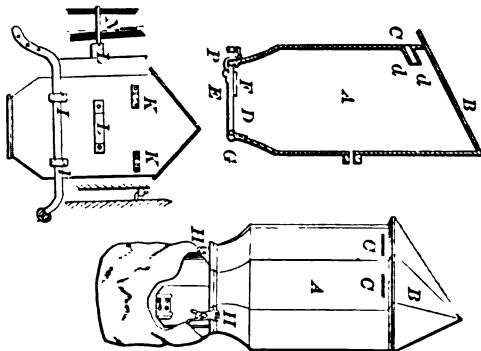
76857—C. R. Webb—
Boom Gear.



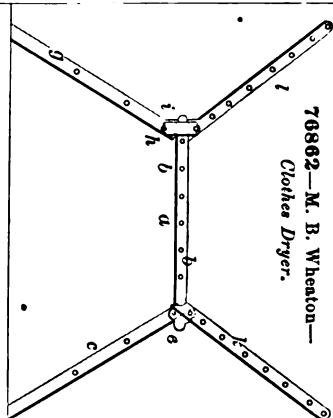
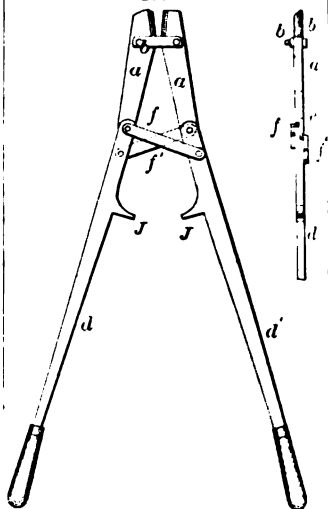
76860—J. Wentz—Cotton Press.



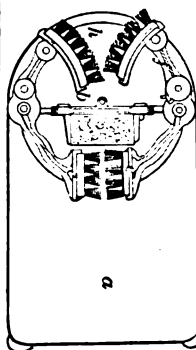
76864—D. & G. H. White—Street Letter Box.



76863—A. B. White—Bolt Trimmer.



76862—M. B. Whenton—Clothes Dryer.



76860—W. L. Williams—Foot Scraper.

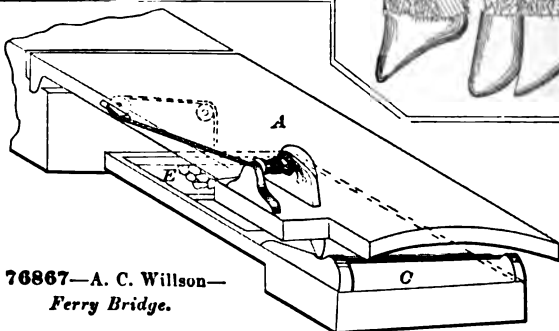
76861—D. M. Weston—Belt Stud.



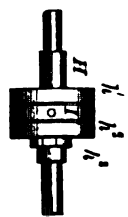
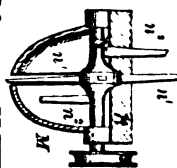
76869—G. Wilson—Treatment of Foot Rot.



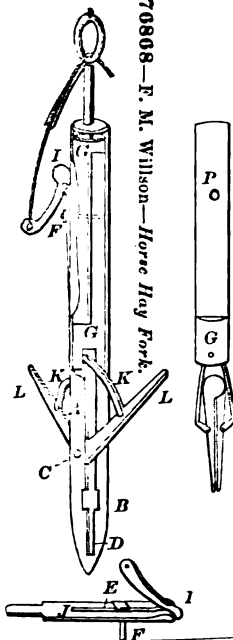
76867—A. C. Willson—Ferry Bridge.



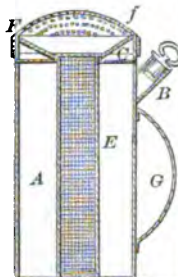
76865—H. P. Wilmer—Planter and Manure Distributor.



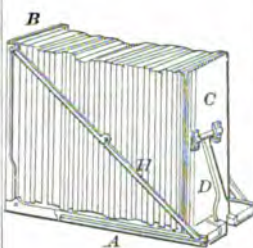
76866—F. M. Wilson—Horse Hay Fork.



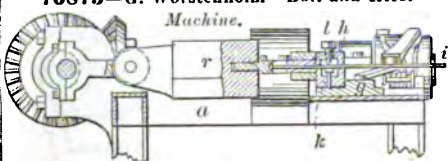
76870—W. V. Wilson—Clothes Sprinkler.



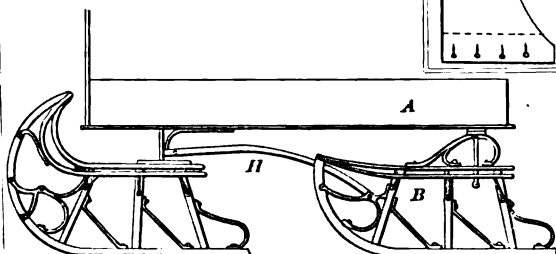
76872—Woodruff & Green—Paper File.



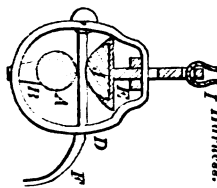
76873—G. Worstenholm—Bolt and Rivet Machine.



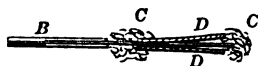
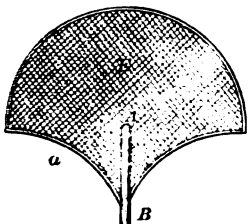
76877—Armstrong & Weller—Sleigh.



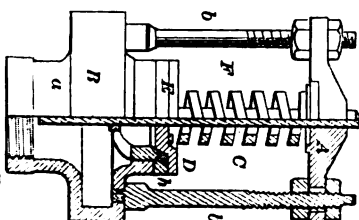
76874—O. M. Zell—Hatchet.



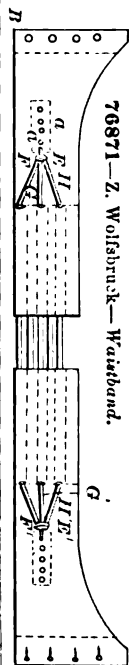
76875—S. Ainsworth—Fan.



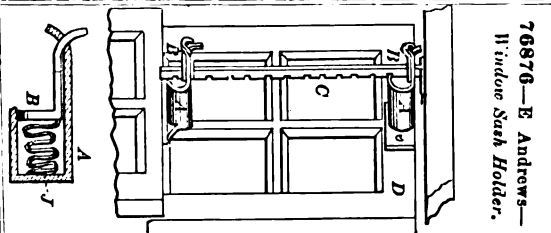
76878—E. H. Ashcroft—Steam Safety Valve.



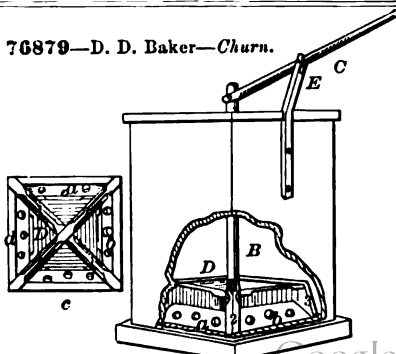
76871—Z. Wolfbrück—Waistband.



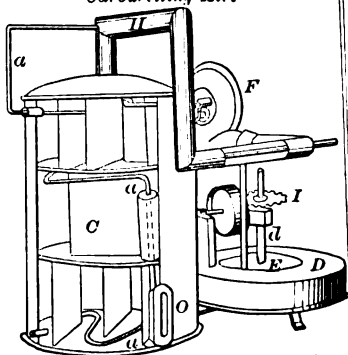
76876—E. Andrews—Indoor Stair Holder.



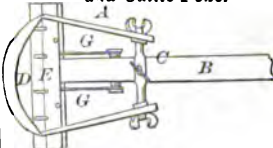
76879—D. D. Baker—Churn.



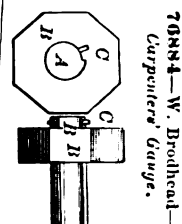
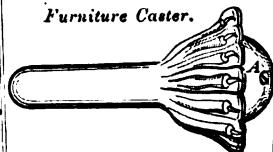
**76880—J. F. Barker—For
Carburetted Air.**



**76881—Bell & Fulmer—Horse
and Cattle Poke.**

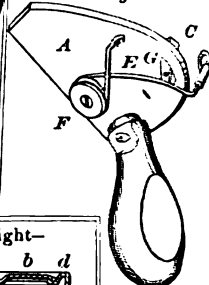


**76885—J. Brown—
Furniture Caster.**

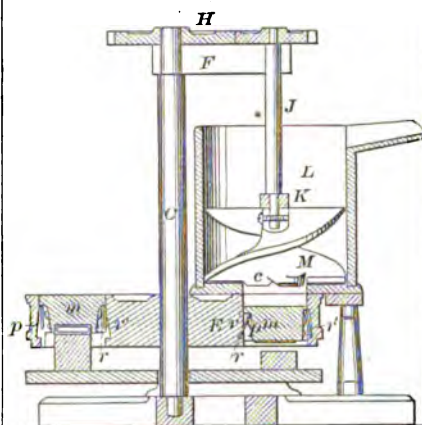


**76884—W. Brodhead—
Carpenter's Gauge.**

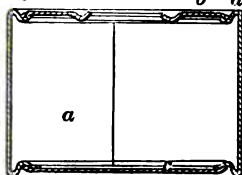
**76886—O. B. Brown—
Toy
Boomerang Pistol.**



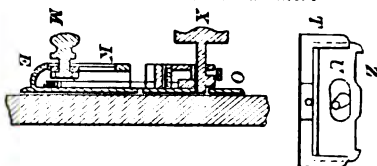
76888—E. P. H. Capron—Brick Machine.



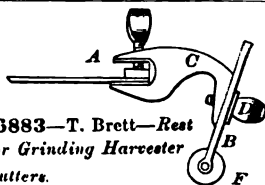
**76890—J. Cartwright—
Sheet Metal Can.**



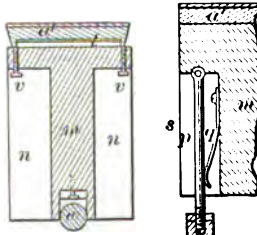
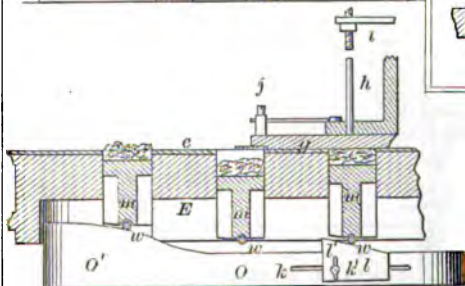
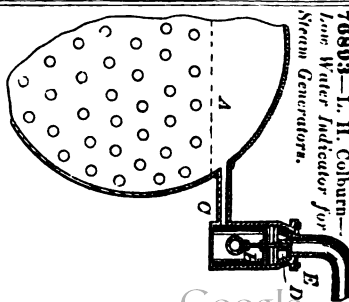
76891—O. Cate—Sash Fastener.



**76883—T. Brett—Rest
for Grinding Harvester
Cutters.**



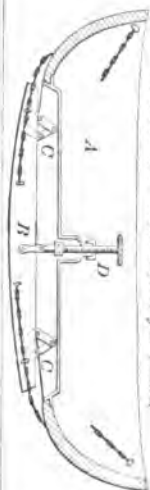
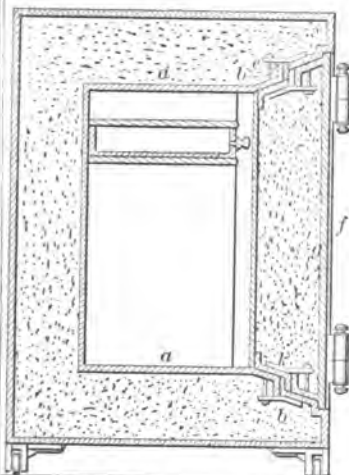
**76893—L. H. Colburn—
Low Water Indicator for
Steam Generators.**





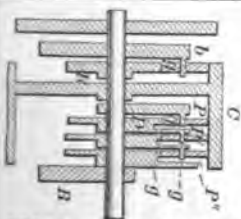
76892—H. (Chicken)—Toy.

76898—J. Farrel—Fireproof Safe.

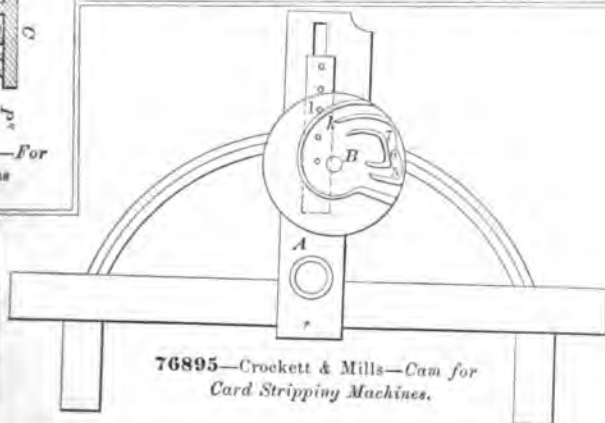


76896—H. A. Dikes—Bulbous Kneel for Knives.

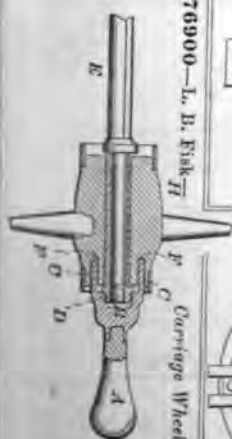
76894—J. C. Cook—Bosom Pad.



76901—L. S. Fithian—For Multiplying Revolutions around an Axis.

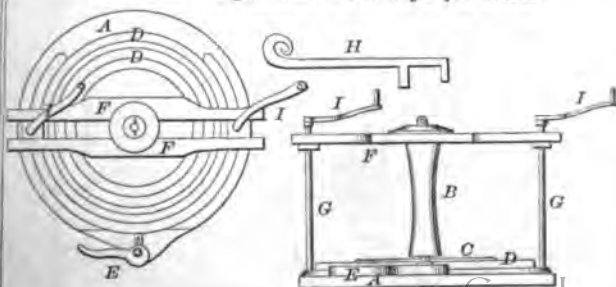


76895—Crockett & Mills—Cam for Card Stripping Machines.

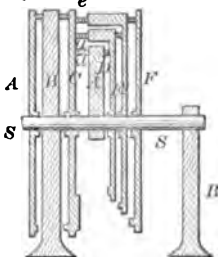


76900—L. B. Fisk—Carriage Wheel Wrench.

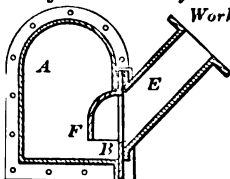
76899—G. Feightner—For Forming Fifth Wheel.



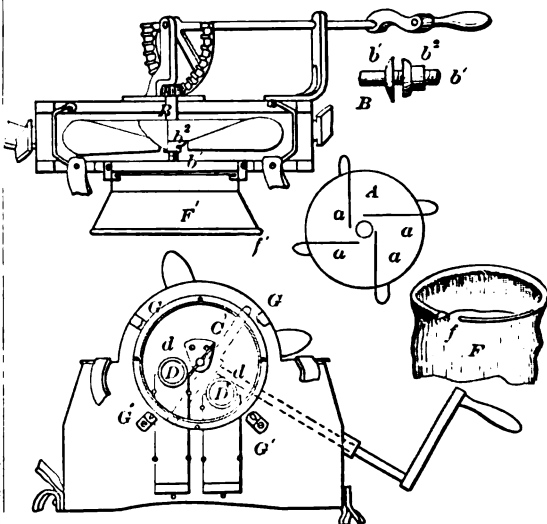
76902—L. S. Fithian—*For Multiplying Motion on Shafts.*
b
e



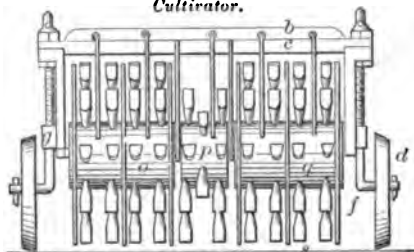
76904—Floyd & Sabbaton—*Hydraulic Main for Gas Works.*



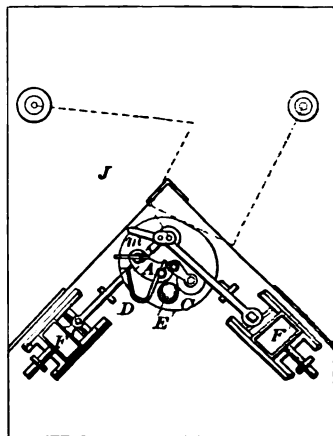
76903—F. G. & E. A. Floyd—*Broadcast Seed Sower.*



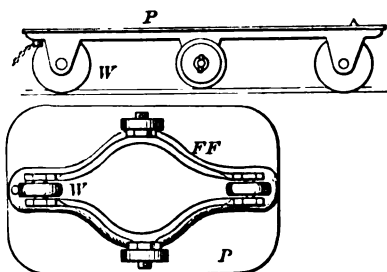
76909—M. Gordon—*Corn Stalk Cutter and Cultivator.*



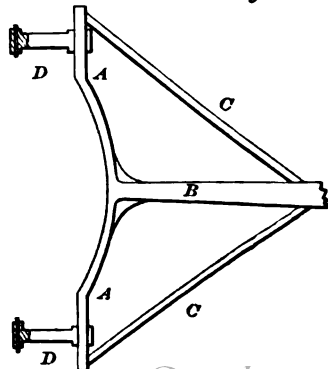
76908—W. W. Goodwin—*Dry Gas Meter.*



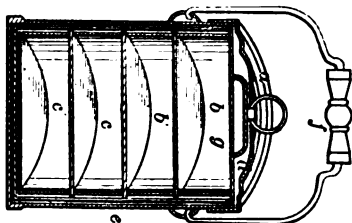
76907—J. Garsed—*Hand Truck.*



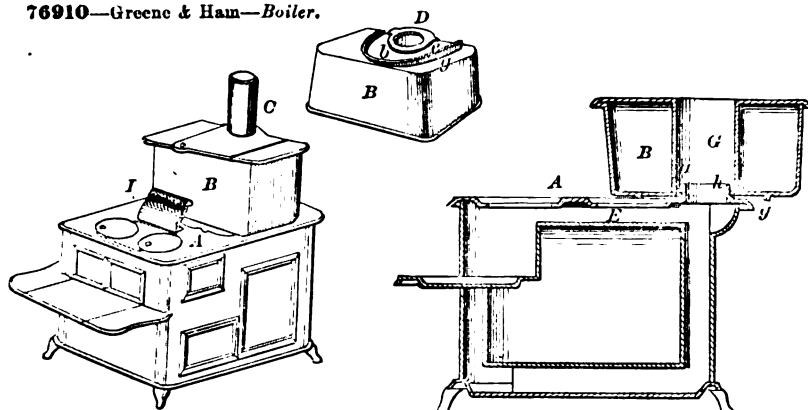
76906—F. Fowler—*Carriage Pole.*



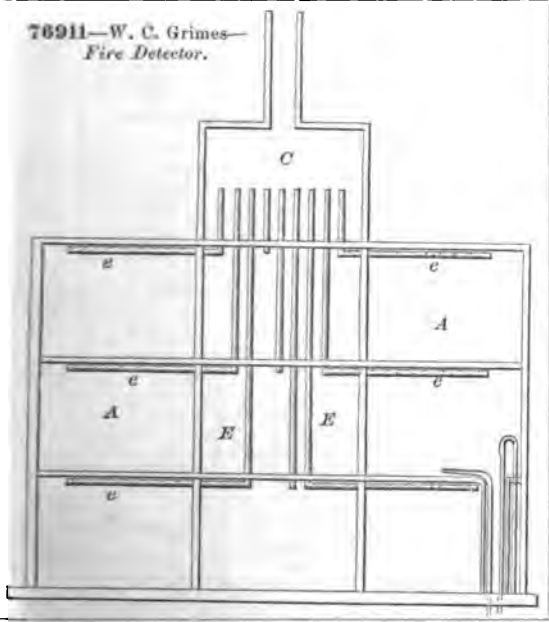
76905—J. H. Foote—*Dinner Pail.*



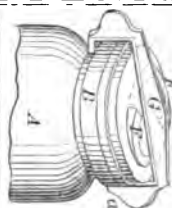
76910—Greene & Ham—Boiler.



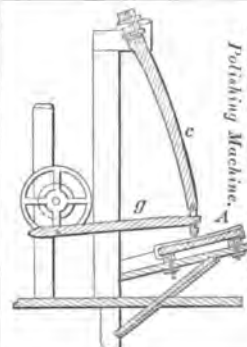
76911—W. C. Grimes—
Fire Detector.



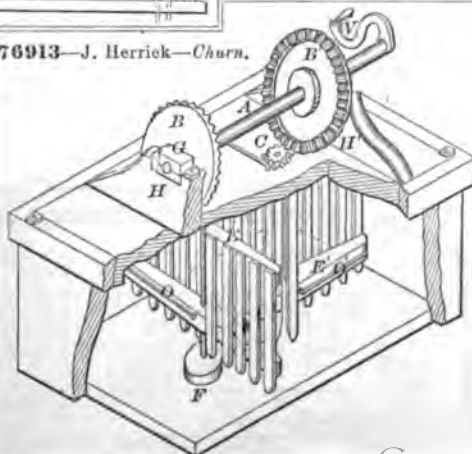
76915—
A. J. H. Hilton—
Fruit Jar and Clamp.



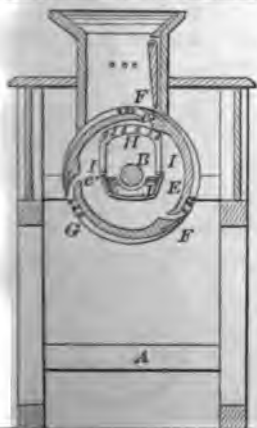
76914—J. W. Hiltreth—Leather
Polishing Machine.

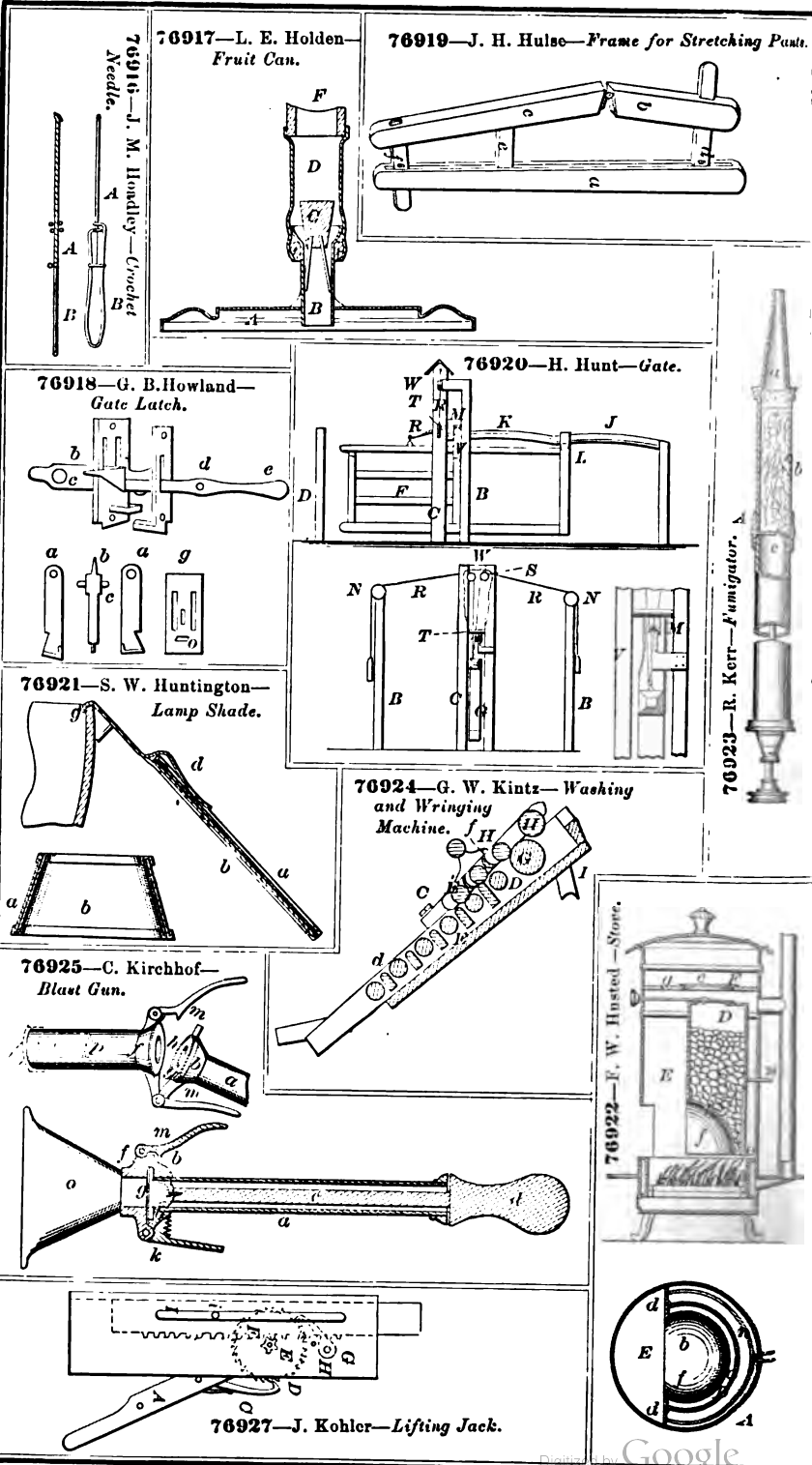


76913—J. Herriek—Churn.

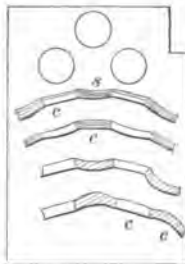
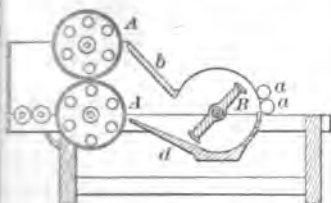


76912—J. & W. L. Heberling—Roof Cutter.

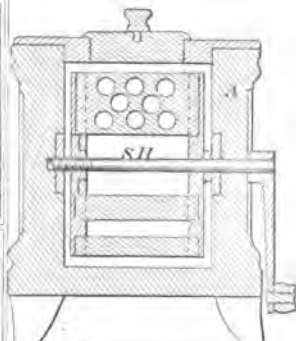




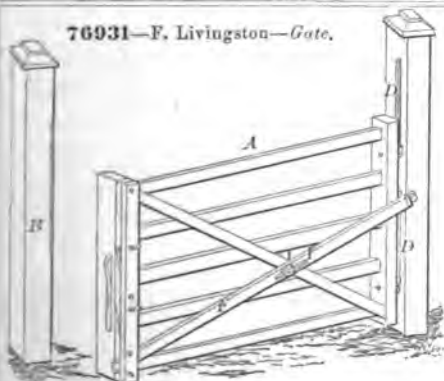
76926—R. Kitson—*Screen Cylinder for Cotton Pickers.*



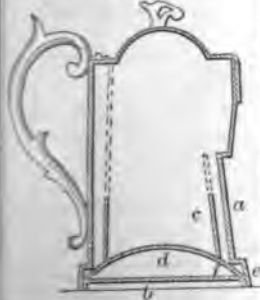
76928—J. Liebhaber—*Churn*



76931—F. Livingston—*Gate.*



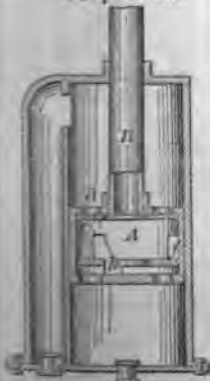
76934—F. J. Miller—*Ice Pitcher.*



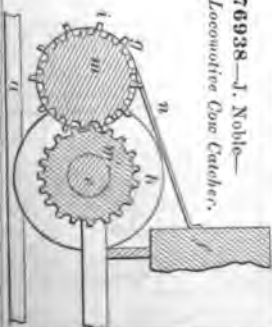
76932—S. P. Mccay—*Horse Rake.*



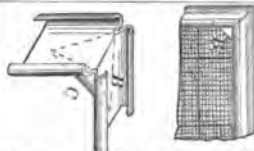
76933—F. P. Michel—*Pump Piston.*



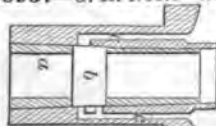
76938—J. Noble—*Locomotive Coal Catcher.*



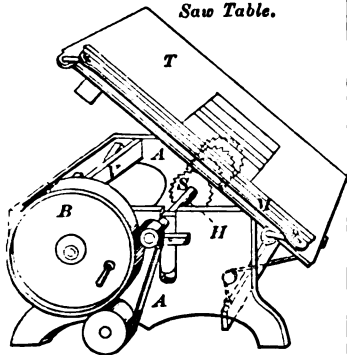
76930—C. F. Linseott—*Window Screen Frame.*



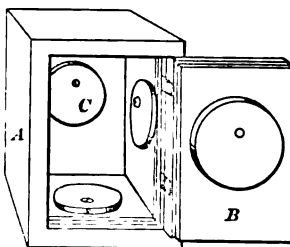
76937—G. H. Noble—*Bolster.*



76947—G. H. Sanborn—Circular Saw Table.



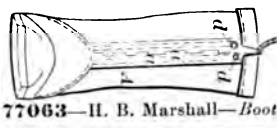
76948—R. S. Sanborn—Safe.



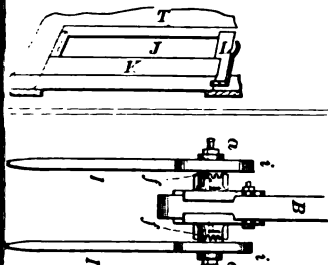
76949—D. B. Sanderson—Peg Cutters.



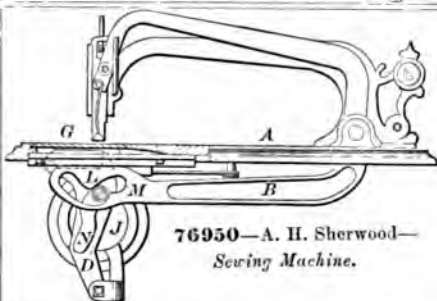
77063—H. B. Marshall—Boot & Shoe.



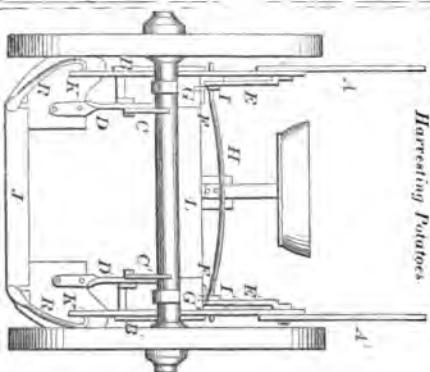
76952—G. A. Squier—Teeth for Hay Spreaders.



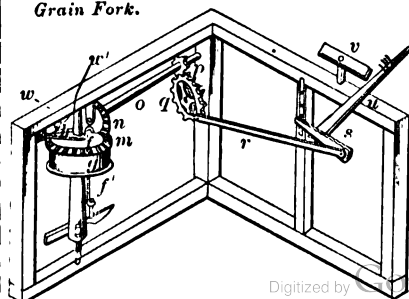
76950—A. H. Sherwood—Sewing Machine.



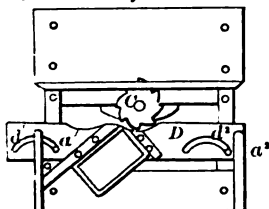
76953—O. S. & T. C. St. John—For Harvesting Potatoes.



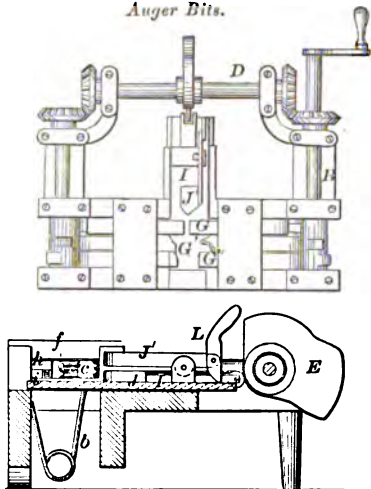
76954—H. Strickler—Hay Hoisting Drum and Grain Fork.



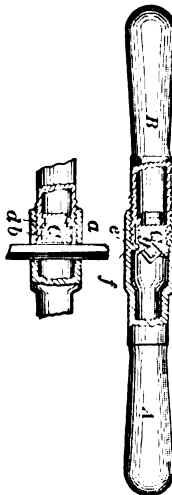
76951—E. Snyder—For Rounding the Corners of Slate Frames.



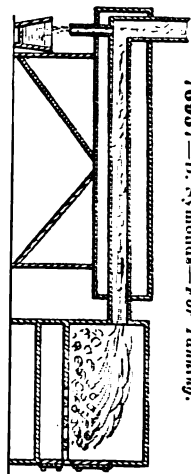
76955—J. Swan—For Making Auger Bits.



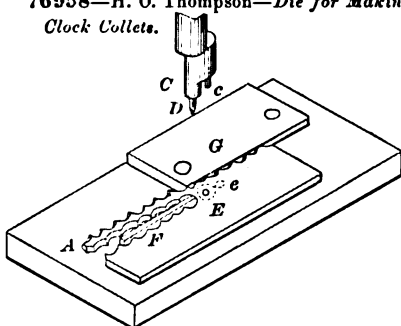
76956—J. Swan—Auger Handle.



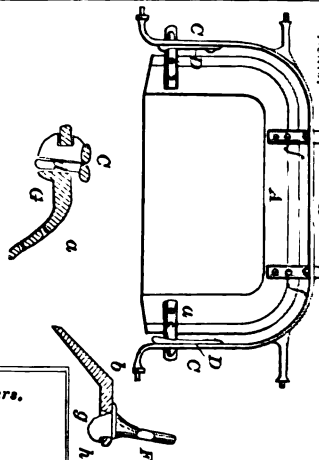
76957—D. Symonds—For Tanning.



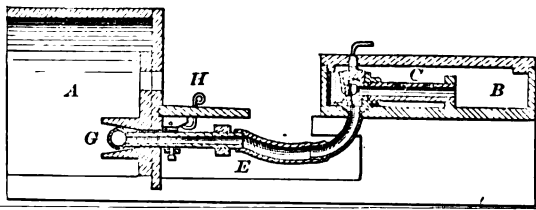
76958—H. O. Thompson—Die for Making Clock Collets.



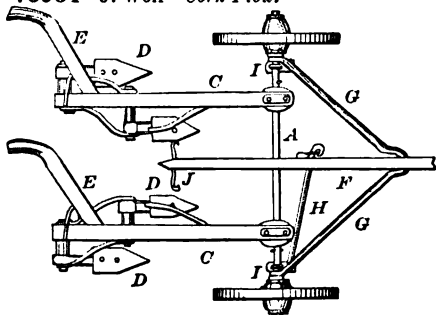
76959—S. Toomey—Shifting Rail for Carriage Seats.



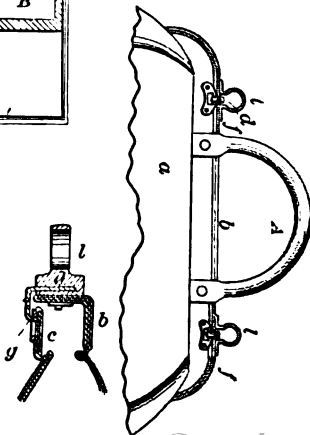
76961—C. Webster—Feed Water Heater for Boilers.



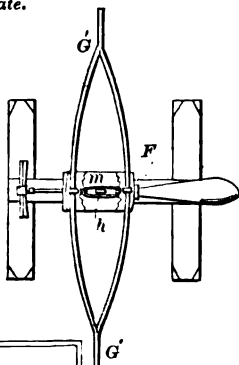
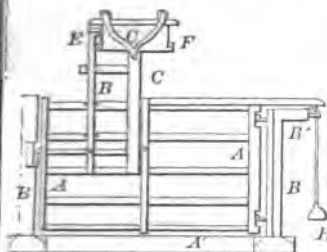
76964—J. Wolf—Corn Plow.



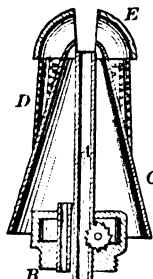
76962—C. A. Wellington—Treeing Hug.



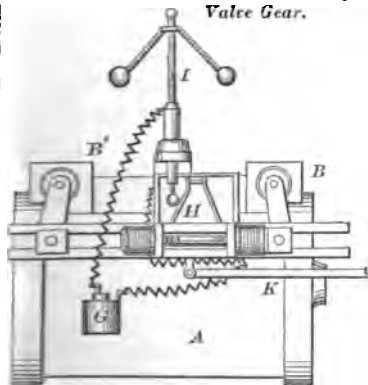
76963—G. W. Winterringer—Gate.



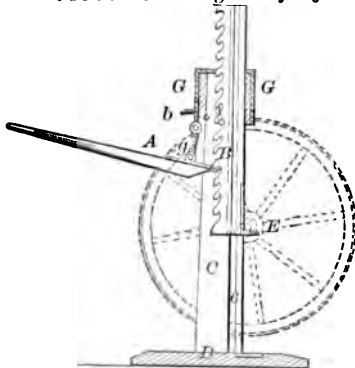
76966—Ackerman, Campbell & Golden—Lamp Burner.



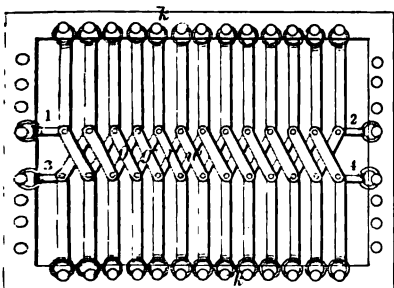
76965—E. A. Wood—Electro-Magnetic Valve Gear.



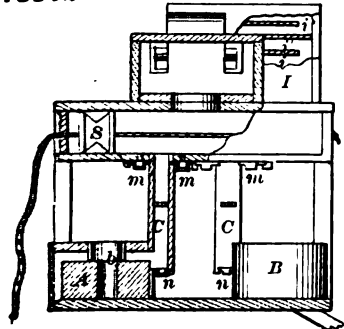
76967—G. H. Alger—Lifting Jack.



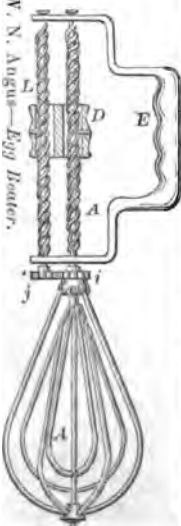
76968—J. Allen—Bed Bottom.



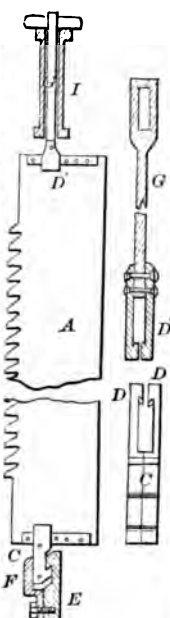
76972—D. Baird—Mill Stone Exhaust



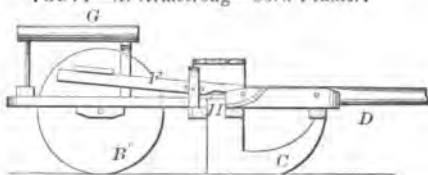
76970—W. N. Angus—Egg Beater.



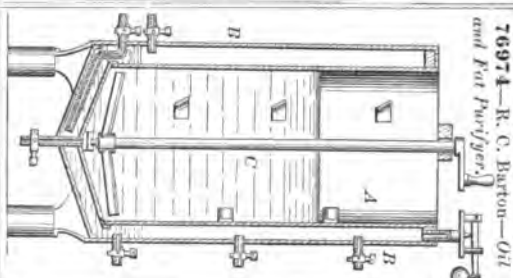
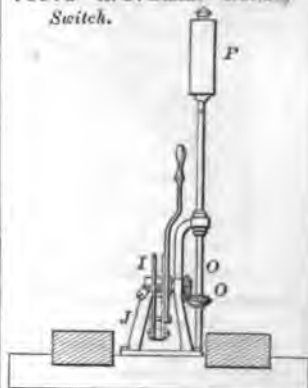
76969—E. Andrews—For Hanging Reciprocating Saws.



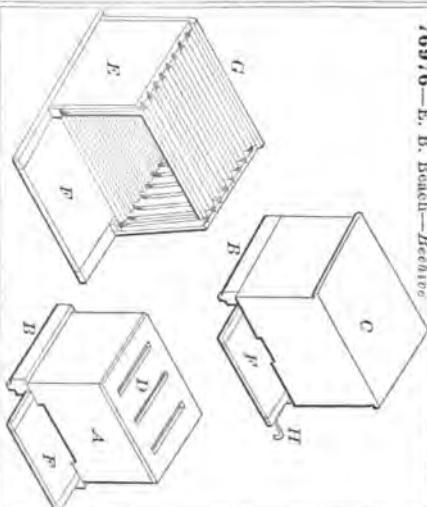
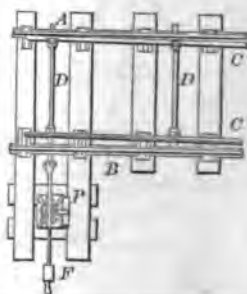
76971—A. Armstrong—Corn Planter.



76973—A. F. Ballas—Railway Switch.

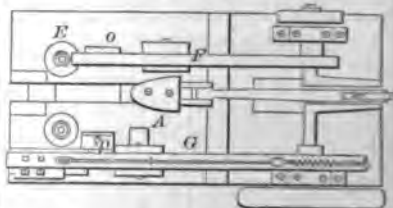


76974—R. C. Barton—Oil and Fat Purifier.

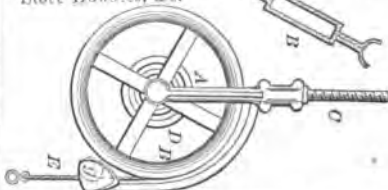


76976—E. B. Beach—Beehive

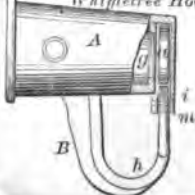
76975—Batchelder & Woods—Horse Shoe Machine.



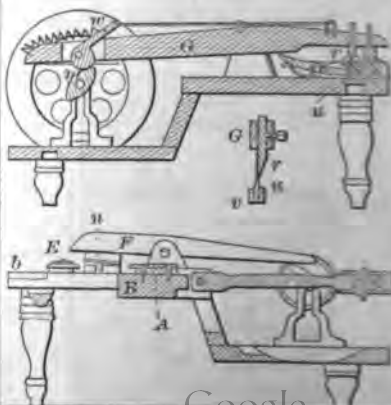
76977—S. G. Thayer—Suspender for Stove Handles, &c.



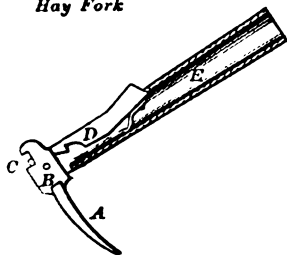
76978—F. W. Beekwith—Whiffletree Hook.



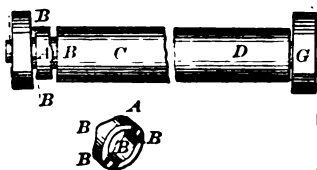
76979—G. A. Beidler—Lamp Burner.



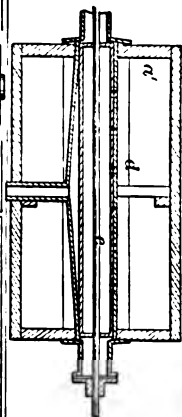
76980—Bemenderfer & Finch—
Hay Fork



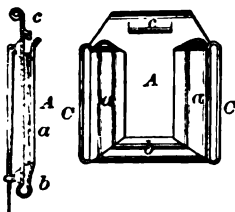
76983—B. Boardman—
For Turning Nuts.



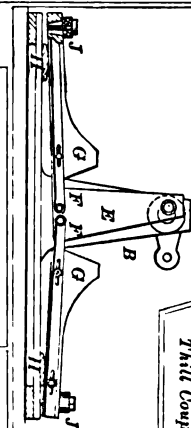
76982—N. W. Bennett—
Feather Dressing Machine.



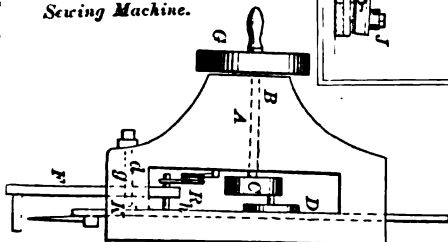
76987—S. M. & H. J. Brown—
Ticket Holder.



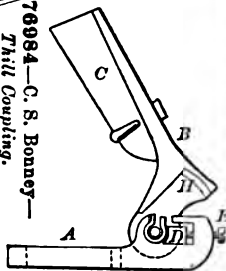
76989—A. Buchanan—
Quartz Crusher.



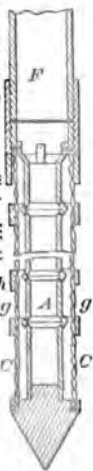
76986—C. E. Brown—
Sewing Machine.



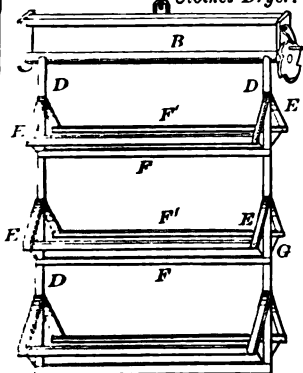
76984—C. S. Bonney—
Thill Coupling.



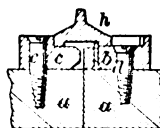
76985—A. E. Brown—
Tide Well.



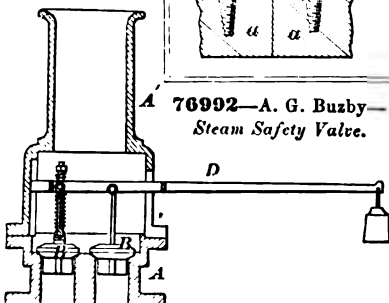
76990—D. M. Buckley—
Clothes Dryer.



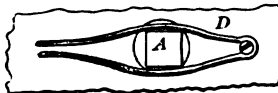
76981—W. H. Betts—
Window Sash Lock.



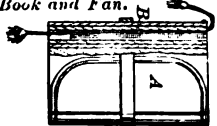
76992—A. G. Buzby—
Steam Safety Valve.



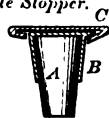
76995—J. Christy—
Nut Fastener.

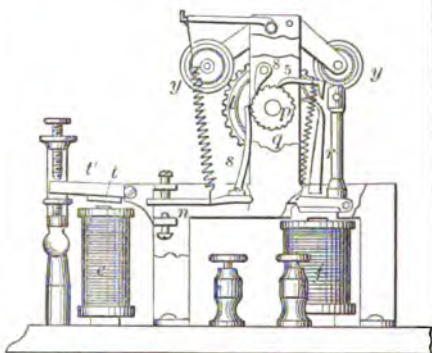
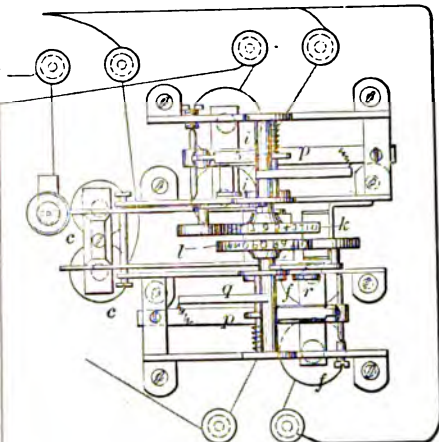
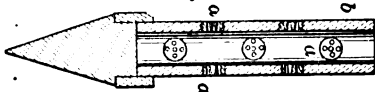
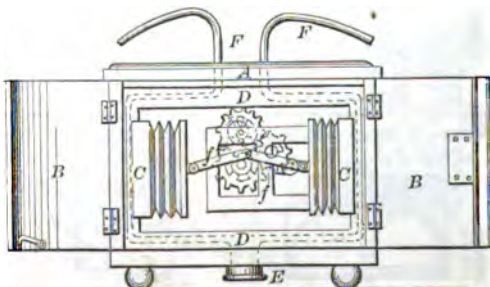
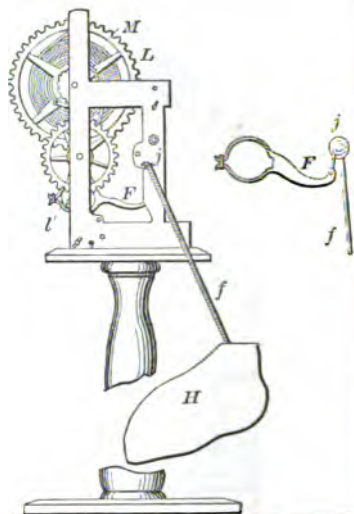
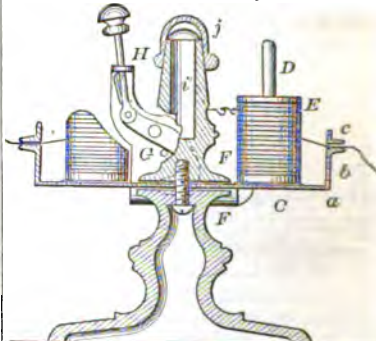
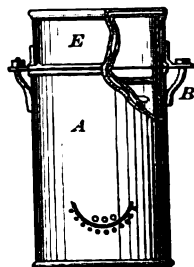
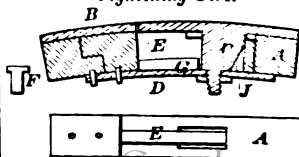


76988—O. Bruck—
Pocket Book and Fan.

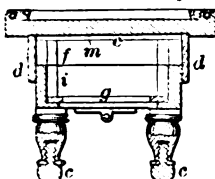


76994—S. & S. C. Cary—
Bottle Stopper.



76993—E. A. Calahan—*Printing Telegraph.*76998—G. Clump—*For Relieving Choked Animals.*77000—C. H. Celby—*Tube Well.*77003—W. O. Crawford—*Ventilator.*76996—E. J. Clark—*Fly Brush and Fan.*76997—N. P. Clarke—*Spool Stand.*76999—A. E. Cobb—*Beehive.*77002—S. W. Corbin—*Tightening Tire.*

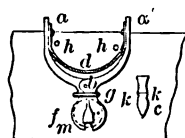
77001—H. W. Collender—*Billiard and Dining Table.*



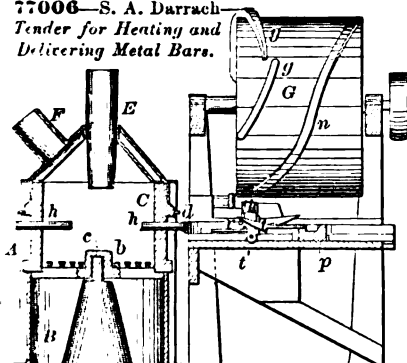
77004—Q. C. Culley—*Cheese Turning Cover.*



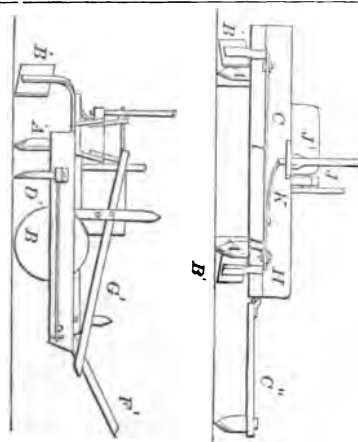
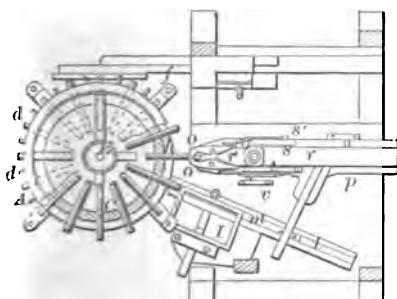
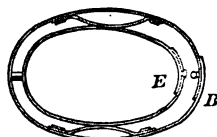
77005—A. Cutter—*Shutter Fastening.*



77006—S. A. Darrach—*Tender for Heating and Delivering Metal Bars.*

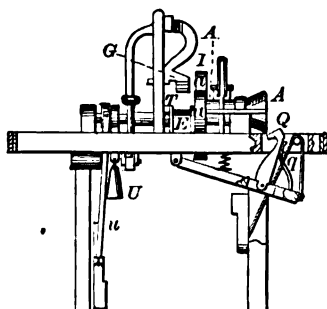
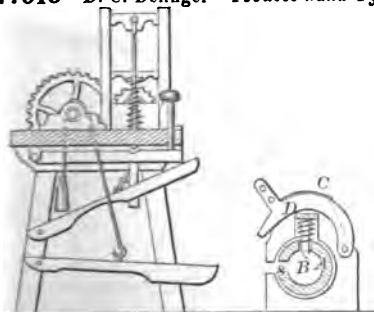


77007—G. Deas—*Hat Ventilator.*

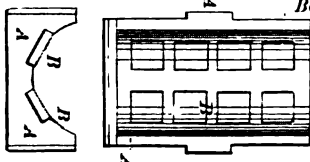


77009—C. Deas—*Seeling Machine.*

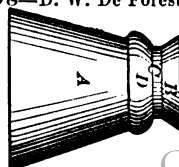
77010—D. C. Delinger—*Tobacco hand Tying Machine.*

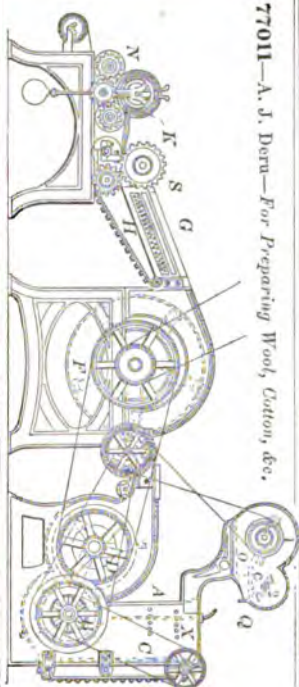


77012—P. S. Devlan—*Material for Journal Boxes.*



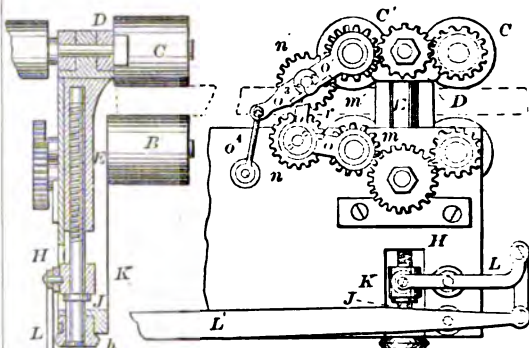
77008—D. W. De Forest—*Mucilage Bottle.*



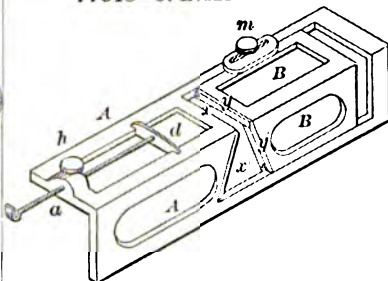


77011—A. J. Dorn—For Preparing Wool, Cotton, &c.

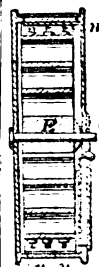
77013—F. Douglas—Wood Planing Machine.



77018—J. Evans—Dovetail Marker.



77010—J. Eberhorst—Centrifugal Bar.



77014—A. J. Eddy—Meat Cutter.

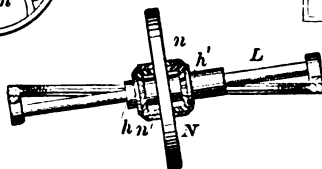
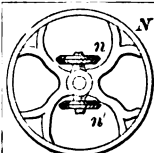
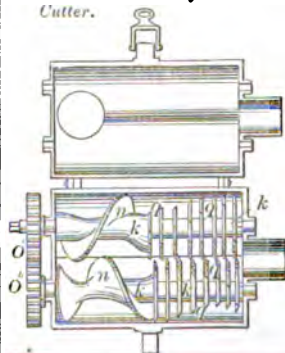


Fig. 6

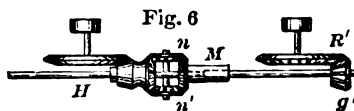


Fig. 2

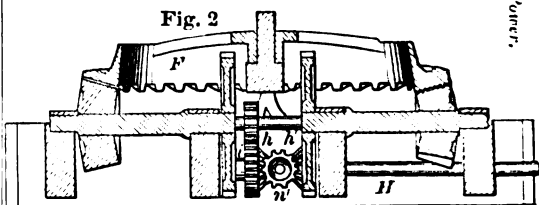
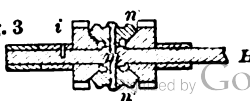
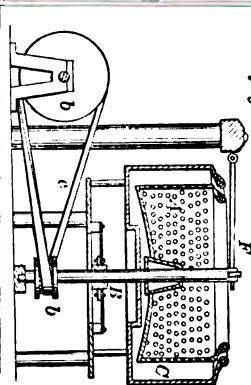


Fig. 3

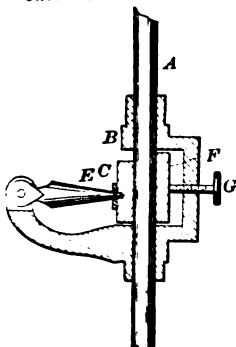


77015—R. N. Eddy—Horse Power.

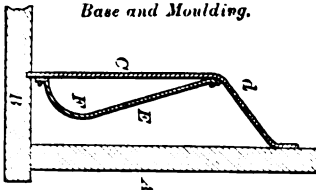


77017—Eimerhorst & Mathieson—Centrifugal Machine.

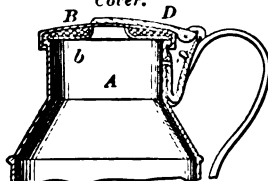
77019—J. H. Evarts—*Extension Fixture for Chandeliers.*



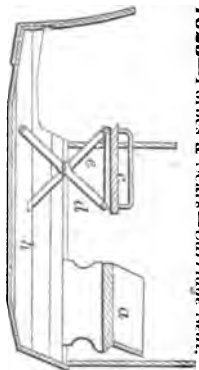
77022—C. E. Finkle—*Metallic Base and Moulding.*



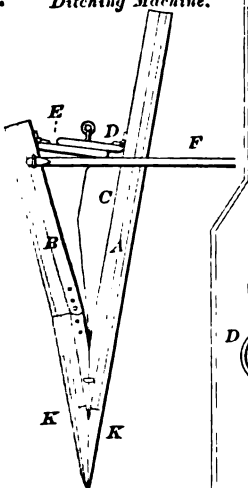
77020—J. Fandel—*Milk Can Corer.*



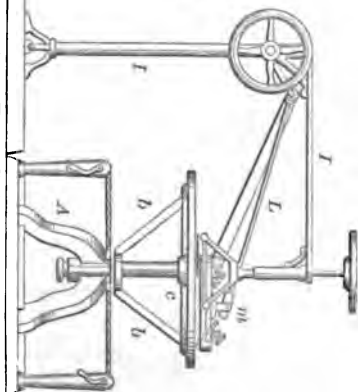
77023—Korbes & Sears—*Carriage Seat.*



77024—E. L. Foreman—*Ditching Machine.*



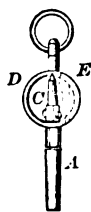
77025—L. B. Fox—*Finishing Leather.*



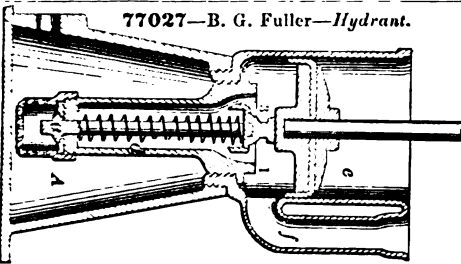
77026—J. D. Frary—*Table Fork.*



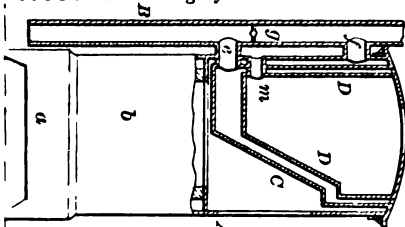
77028—H. Gannoy—*Watch Key.*



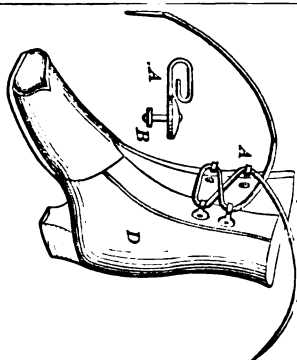
77027—B. G. Fuller—*Hydrant.*



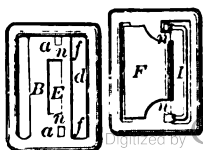
77032—C. B. Gregory—*Coal Store.*

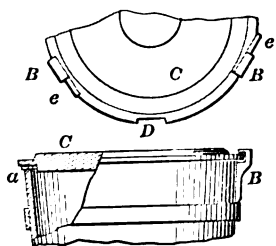
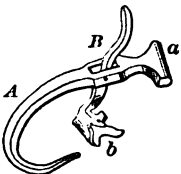
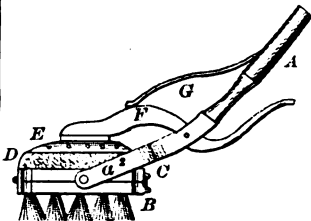
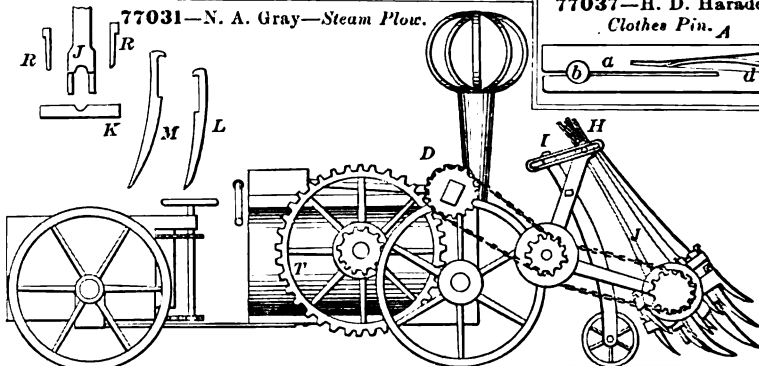
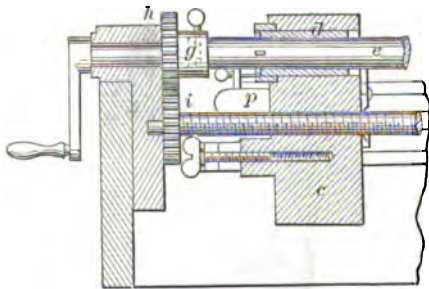
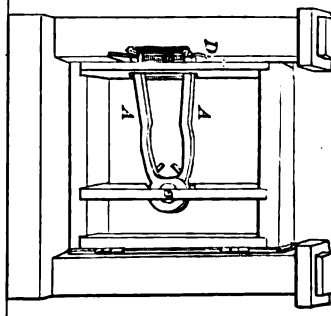
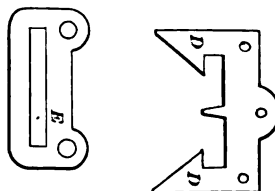
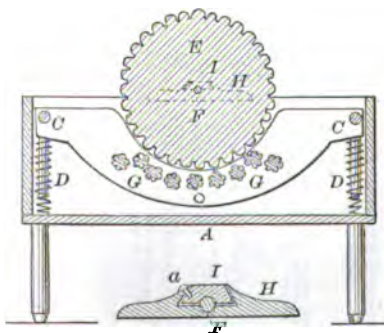
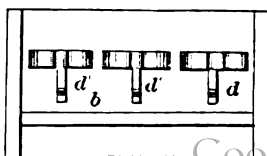


77029—D. A. Gilbert—*Shoe Lacer.*



77033—H. C. Griggs—*Buckle.*

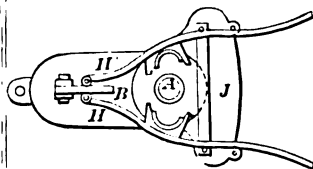


77030—D. A. Gilbert—*Butter Tub.***77034**—Gruger & Makinson—*Cord Holder.***77035**—V. A. Hacker—*Scrubber.***77031**—N. A. Gray—*Steam Plow.***77037**—H. D. Haraden—*Clothes Pin.***77036**—J. Hale—*For Bending Wood.***77040**—C. C. Holcomb—*Gate and Door Latch.***77041**—Hood & Kelly—*Washing Machine.***77038**—A. Hartupce—*Grate Bar.*

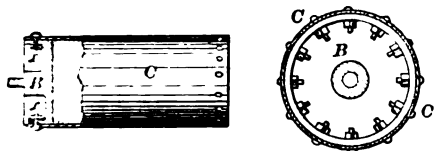
77039—J. H. Herman—*Railroad Rail.*



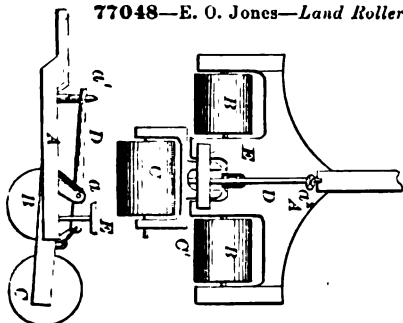
77042—Hue & Roziere—*Moulding Design.*



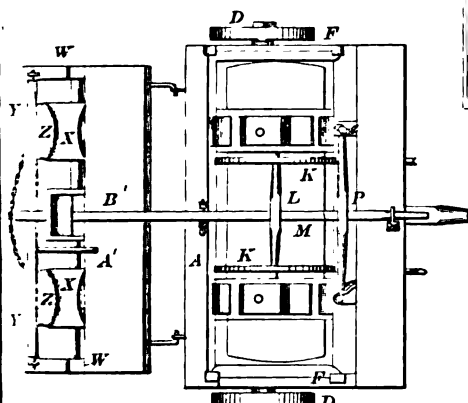
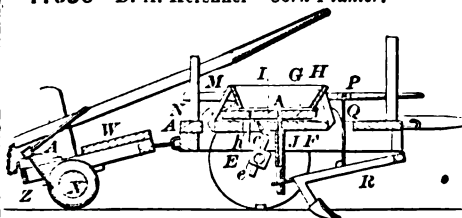
77044—E. F. Hutchinson—*Land Roller.*



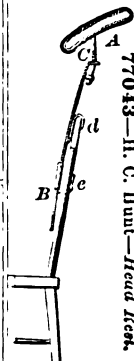
77048—E. O. Jones—*Land Roller.*



77050—D. A. Kershner—*Corn Planter.*



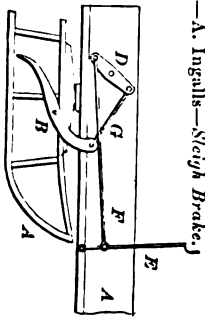
77043—H. C. Hunt—*Head Rest.*



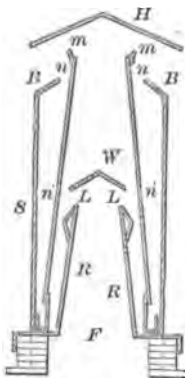
77049—J. W. Kelley—*Attaching Whip Sockets.*



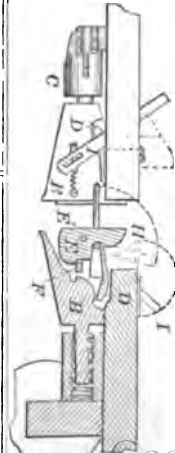
77045—A. Ingalls—*Sleigh Brakes.*



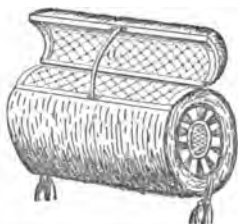
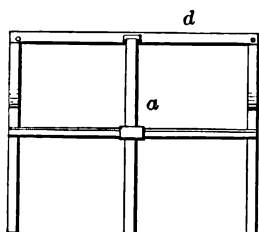
77047—D. F. Jaus—*Chimney Cowl.*



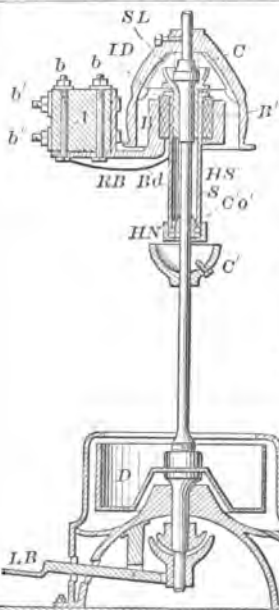
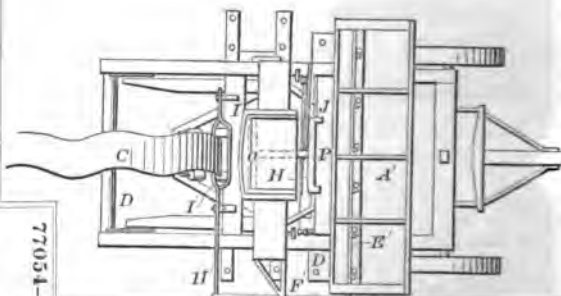
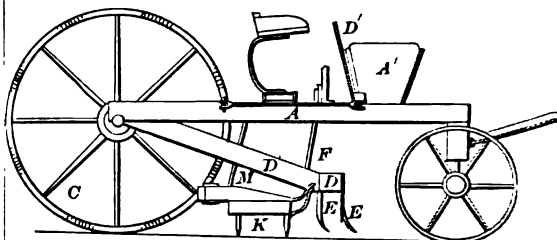
77046—E. H. Janney—*Car Coupling.*



77051—M. A. King—Muff.

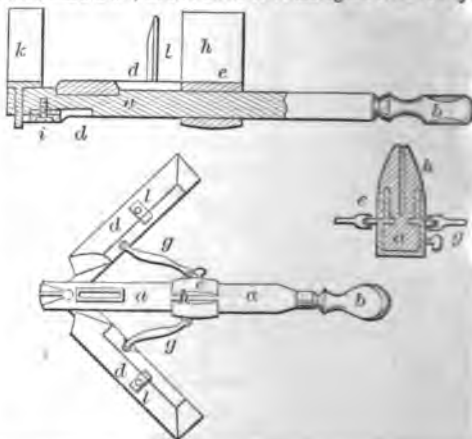


77052—D. Kint—Seeder, Cultivator and Harrow.

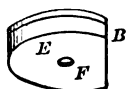
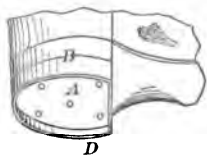


77054—H. W. & H. Lafferty—Centrifugal Hydro-Ejector.

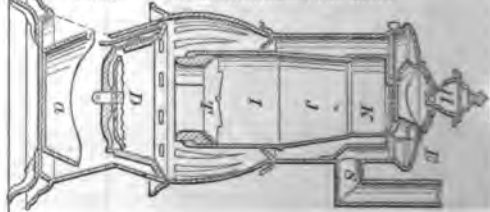
77053—La Baw, Hutchinson & Fleming—Mitre Gauge.



77055—G. Lane—Boot Heel.



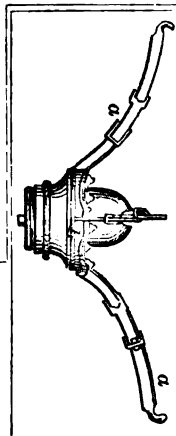
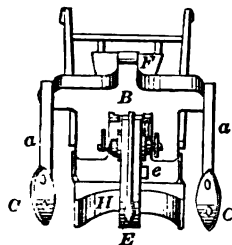
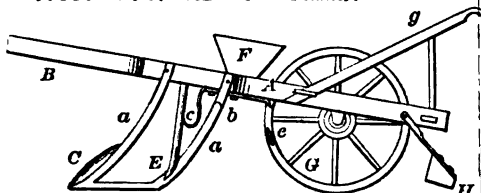
77056—D. G. Littlefield—Coal Stove.



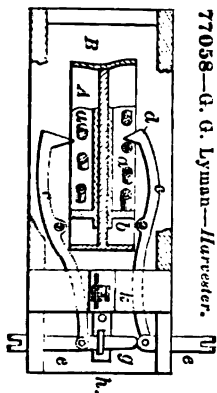
77062—W. Maginn—Pencil Case.



77057—H. C. Locke—Corn Planter.

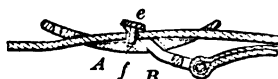
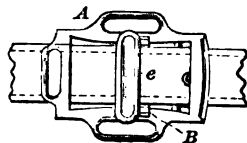


77050—J. W. Lyon—Lamp Shade Supporter.

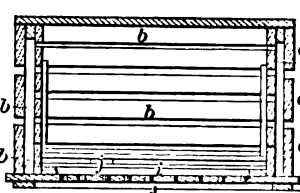
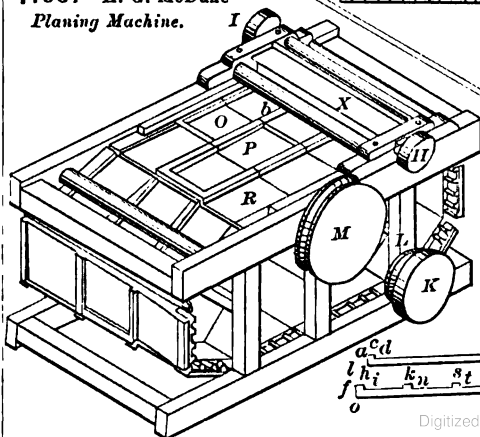


77058—G. G. Lyman—Harvester.

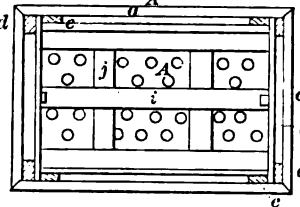
77064—J. A. Mashmeyer—Buckle.



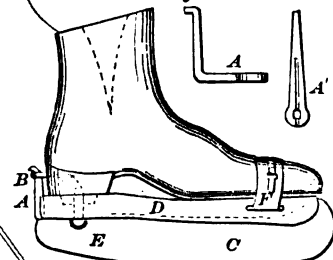
77067—H. G. McDuffe—Planing Machine.



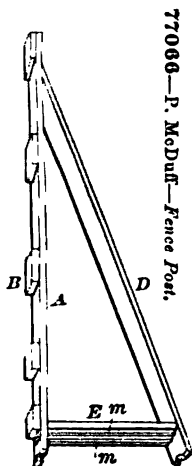
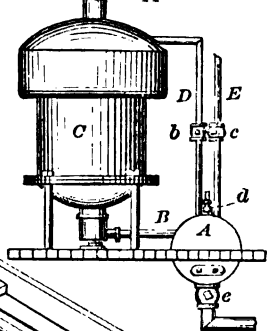
77060—T. Mabbett Sr.—Fruit Crate.



77061—Maedd & Wolff—Skate Fastening.

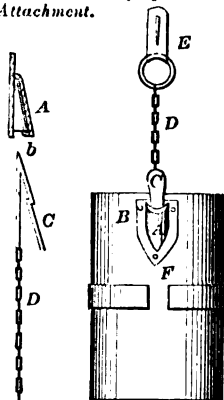


77065—F. O. Matthiessen—Vacuum Pan Apparatus.

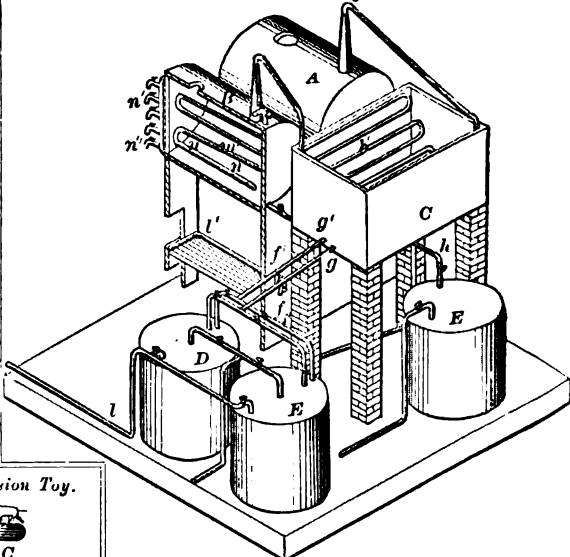


77066—P. McDuffe—Fence Post.

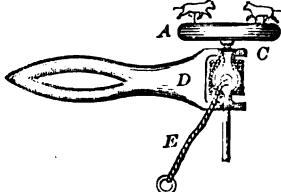
77068—A. McNeill—*Pocket Book Safety Attachment.*



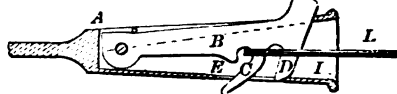
77070—J. Miller—*For Distilling Petroleum.*



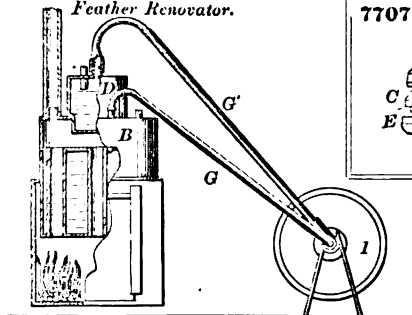
77072—J. A. Minor—*Illusion Toy.*



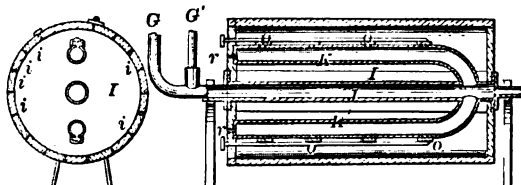
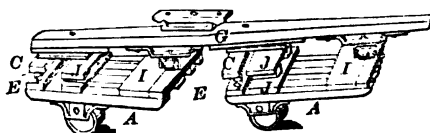
77071—S. Mills—*Car Coupling.*



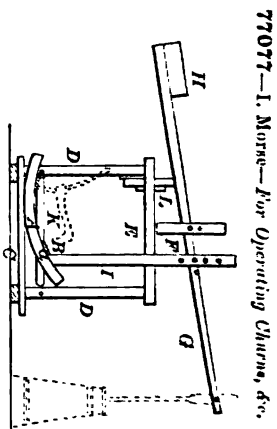
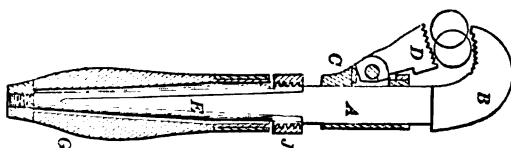
77075—Moorehead & Elliott—*Feather Renovator.*



77074—C. H. Moore—*Moving Buildings.*

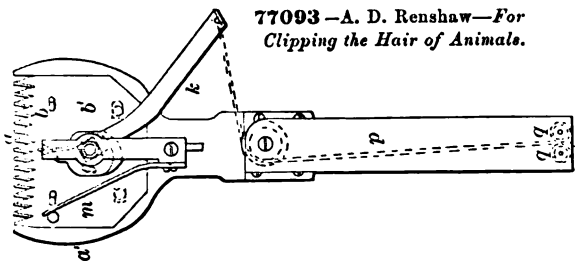


77076—I. Morse—*Wrench*

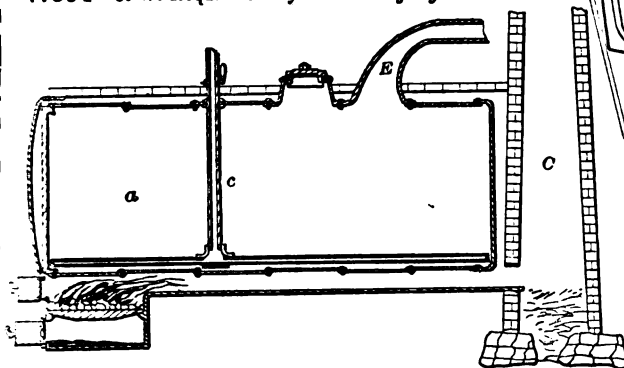


77077—I. Morse—*For Operating Chains, &c.*

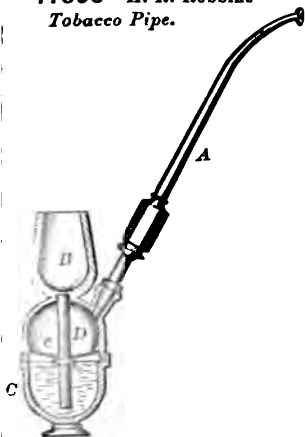
77093—A. D. Renshaw—*For Clipping the Hair of Animals.*



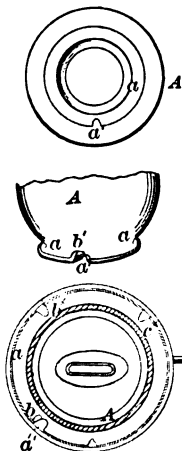
77094—C. W. Requa—*Still for Distilling Hydro-Carbons.*



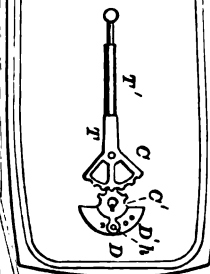
77096—H. R. Robbins—*Tobacco Pipe.*



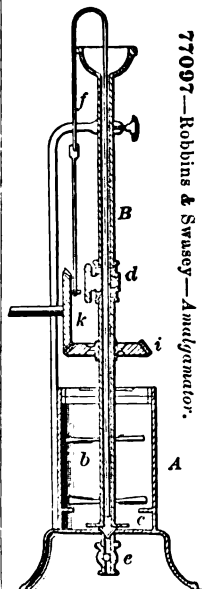
77100—J. Robinson—*Lamp Chimney.*



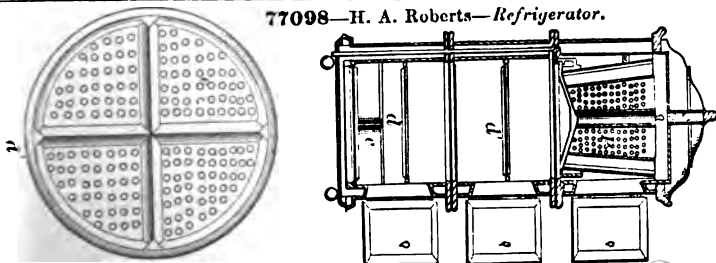
77095—C. T. Ridout—*Holder for*



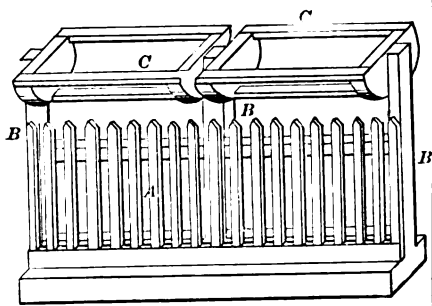
77097—Robbins & Swasey—*Amalgamator.*



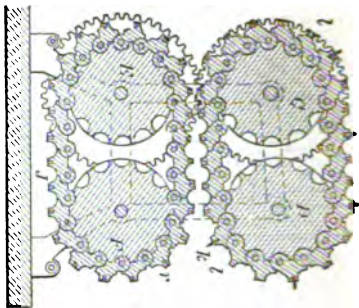
77098—H. A. Roberts—*Refrigerator.*



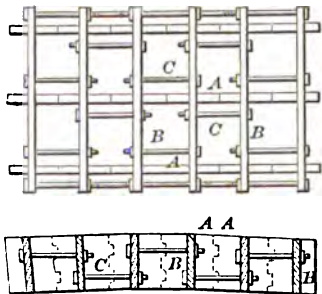
77101—H. W. Rutt—Poultry Yard Fence.



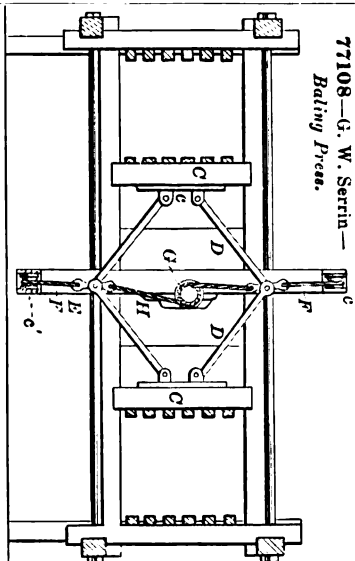
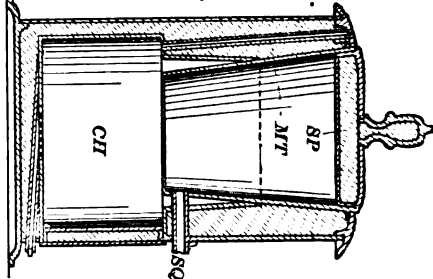
77102—C. E. Rymes—For Cutting Tobacco.



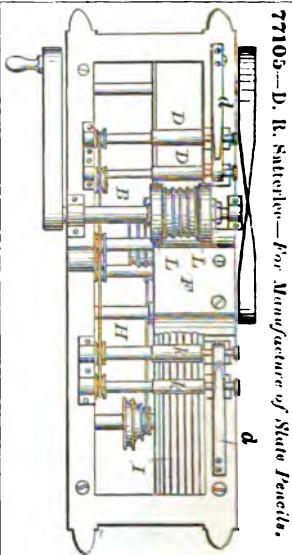
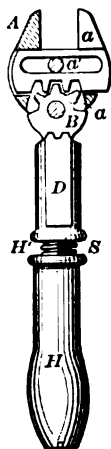
77103—J. Sanderson—Bridge.



77106—C. C. Savery—Enamelled Water Cooler.

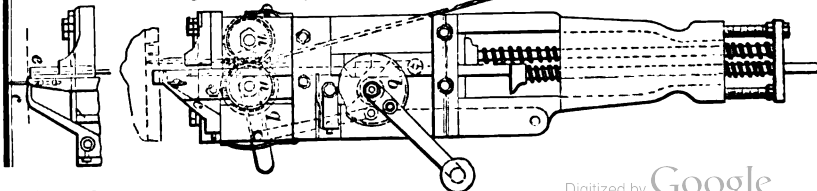
77108—G. W. Serrin—
Rubbing Press.

77107—T. A. Searle—Wrench.

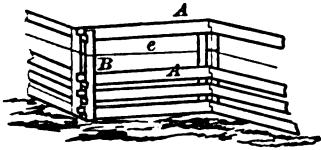


77105—D. R. Satterlee—For Manufacture of Slate Pencils.

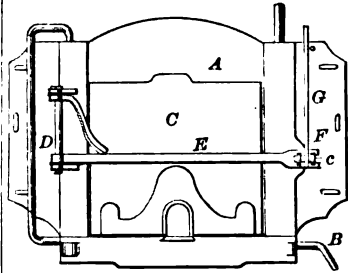
77104—J. F. Sargent—Nailing or Pegging Machine.



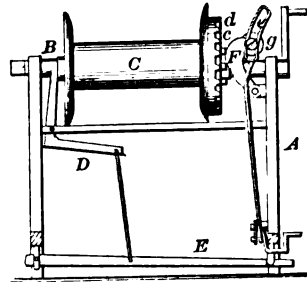
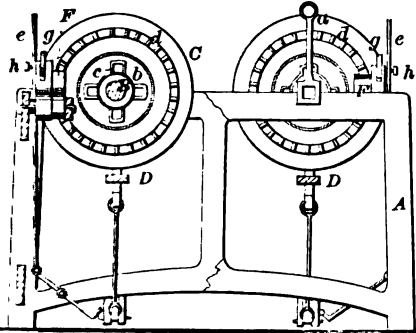
77109—N. L. Shaw—Fence.



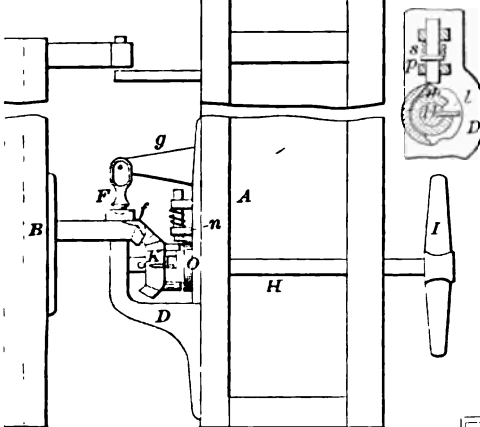
77112—P. E. Shaw—Furnace Door Fastening.



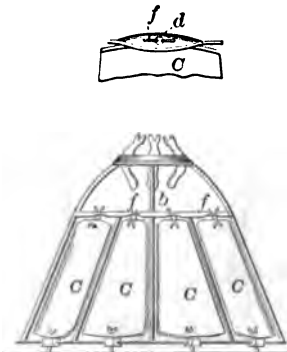
77110—S. S. Shaw—Oyster Winder.



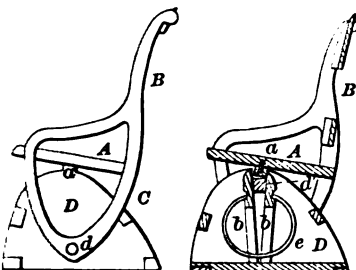
77114—T. J. Sloan—Operating Window Shutter.



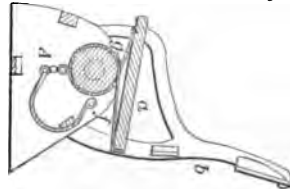
77115—A. A. Smith—Lamp Shade.



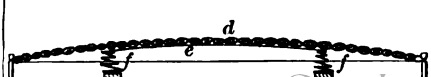
77117—C. D. Smith—Tilting Chair.



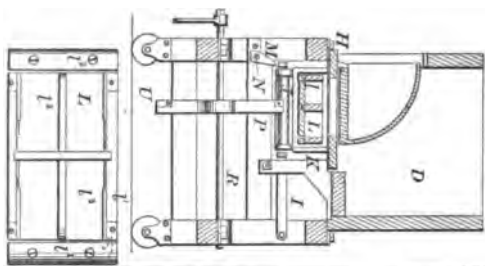
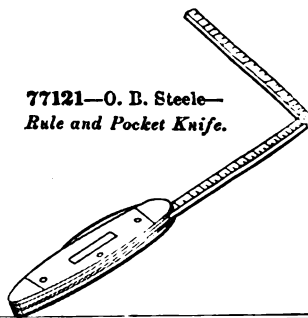
77116—C. D. Smith—Tilting Chair.



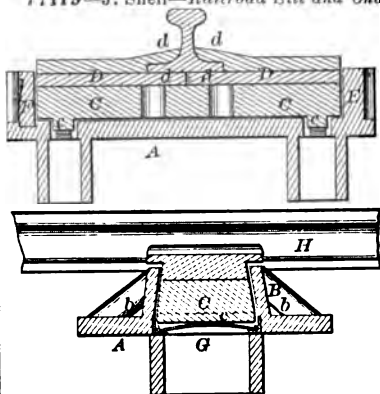
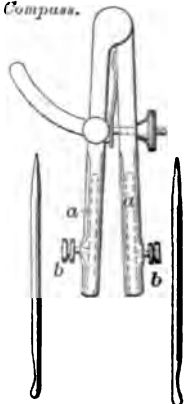
77113—P. P. Simmons—Bed Bottom.



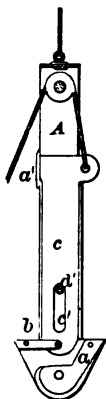
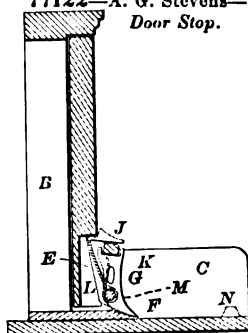
77118—Smith & Florence—Brick Machine.

77121—O. B. Steele—
Rule and Pocket Knife.

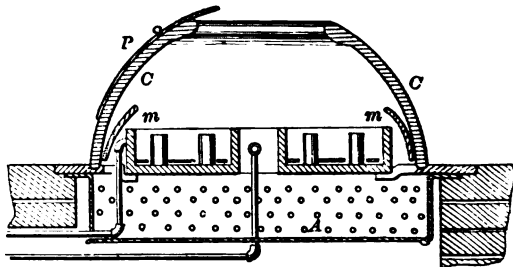
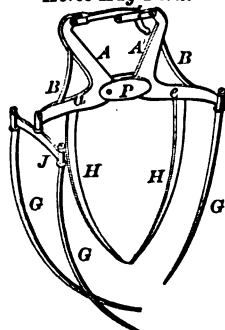
77119—J. Snell—Railroad Sill and Chair.

77123—H. Stewart—
Compass.

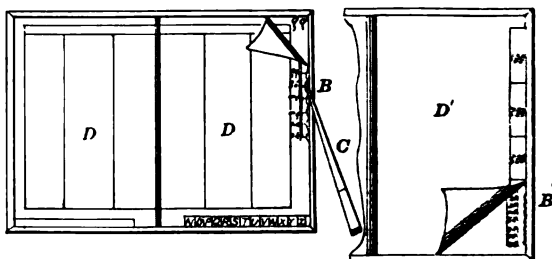
77120—N. Start, Jr.—Horse Hay Fork.

77122—A. G. Stevens—
Door Stop.

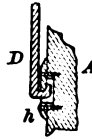
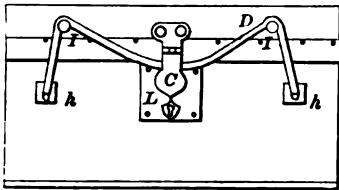
77124—F. T. Suhr—For Burning Hydro-Carbon.

77125—J. B. Sweetland—
Horse Hay Fork.

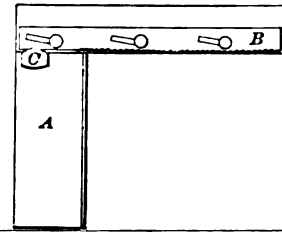
77126—J. H. Swindell—Indexing Book.



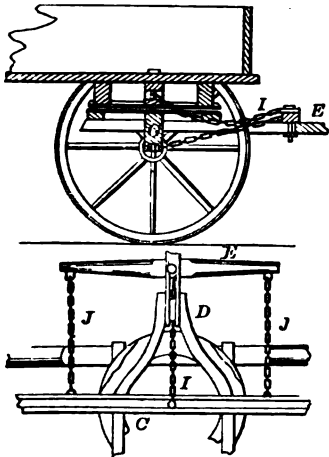
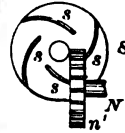
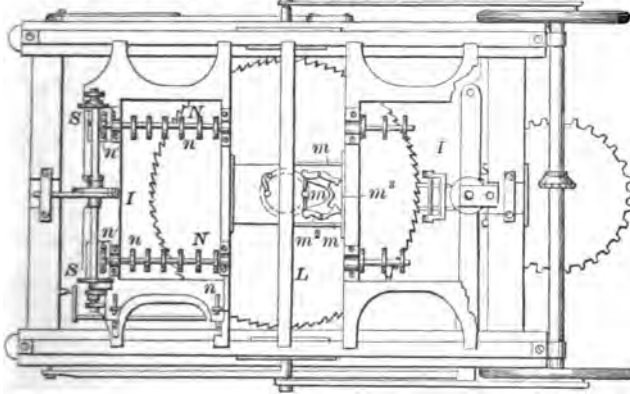
77127—C. A. Taylor—Trunk.



77130—E. J. Toof—Try Square.

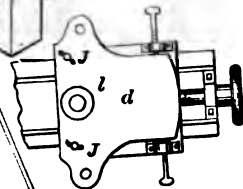
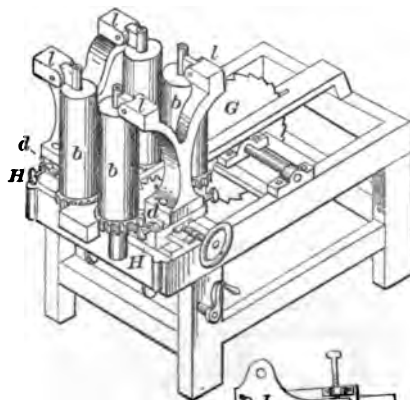


77128—A. Thompson—Shingle Machine.

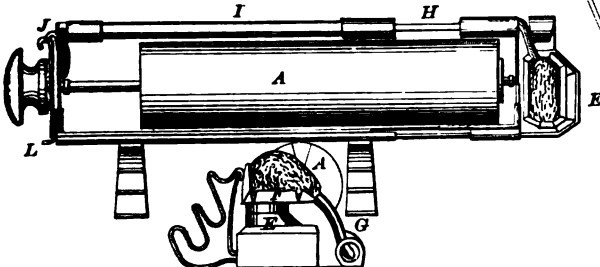


77132—L. & J. S. Van Pel—Carriage Coupling.

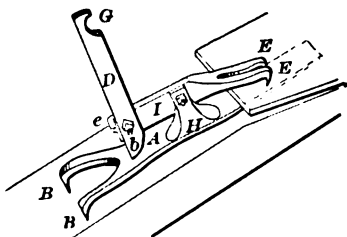
77129—Tompkins & Wright—Saw Mill.



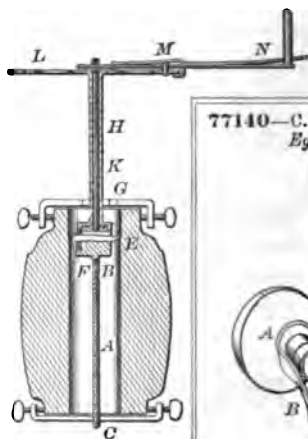
77131—E. J. Toof—Paper Clamp and Inkstand.



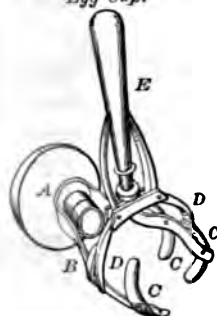
77133—S. D. Van Pelt—Scaffold Bracket.



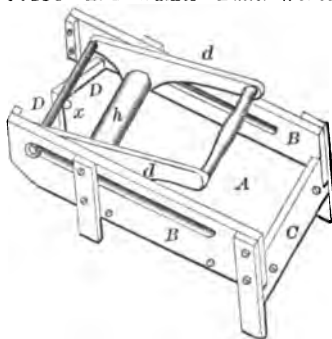
77137—J. W. Walters—For Boring Hubs.



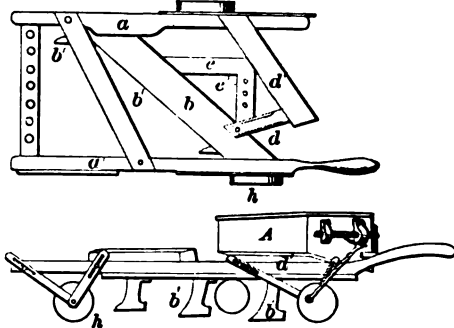
77140—C. D. P. Walters—Egg Cup.



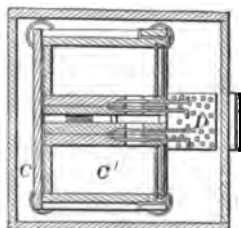
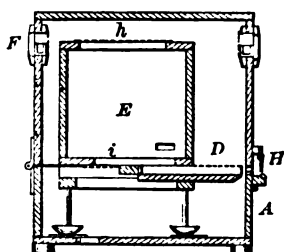
77135—E. P. Walker—Butter Worker.



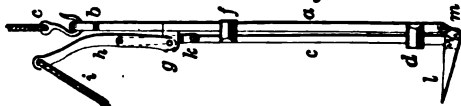
77141—J. B. Webster—Seed Sower and Gang Plow.



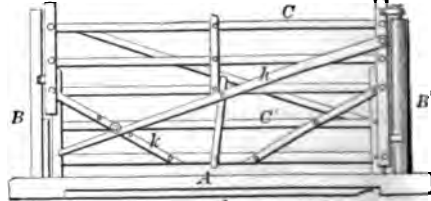
77139—J. Wash—Beehive.



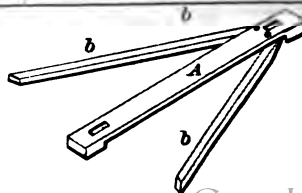
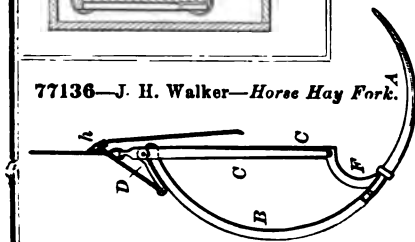
77134—E. L. Walker—Horse Hay Fork.



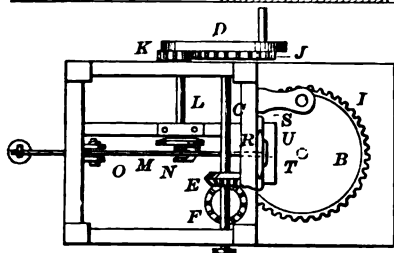
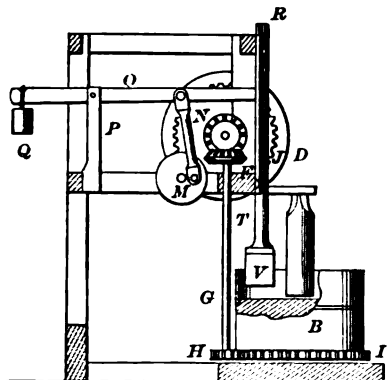
77142—Weirich & Smith—Farm Gate.



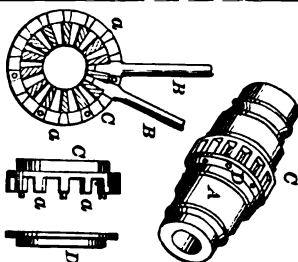
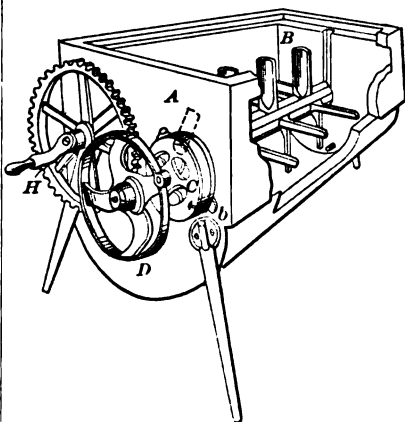
77136—J. H. Walker—Horse Hay Fork.



77143—C. Welte—Meat Cutter.

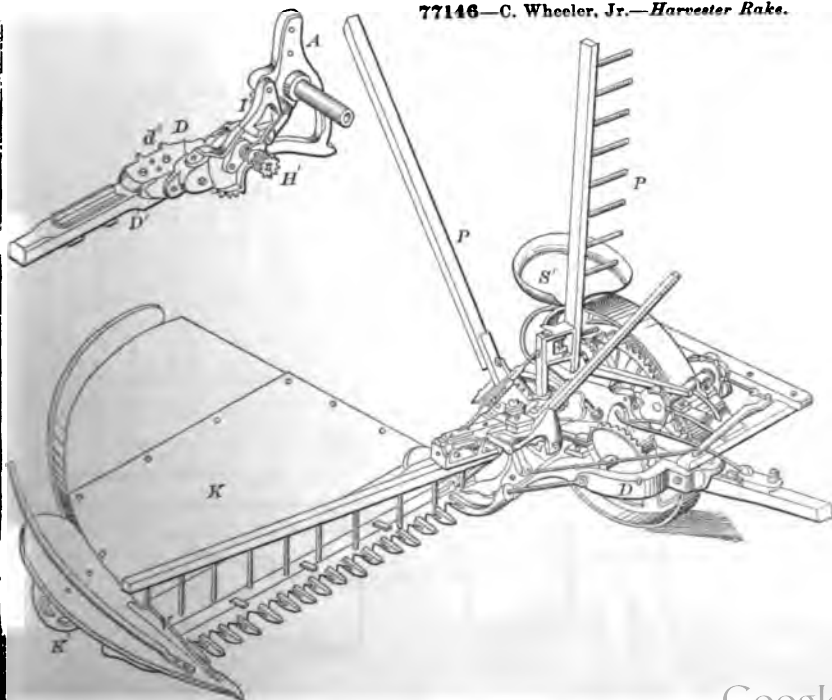


77144—A. Westcott—Churn.

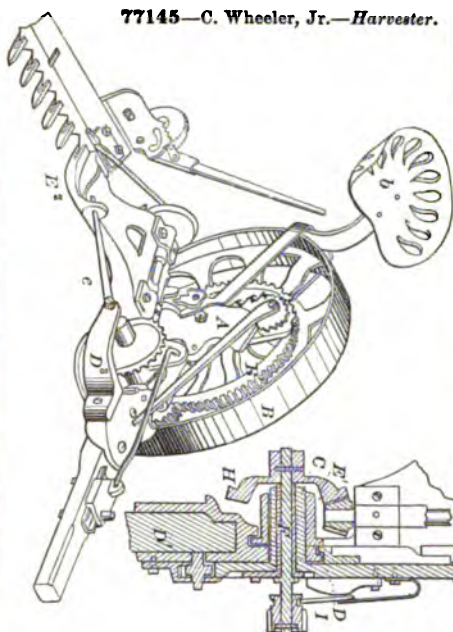


77147—M. Whelan—
Carriage Hub.

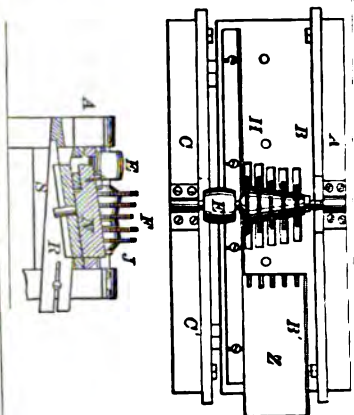
77146—C. Wheeler, Jr.—Harvester Rake.



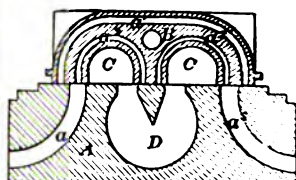
77145—C. Wheeler, Jr.—Harvester.



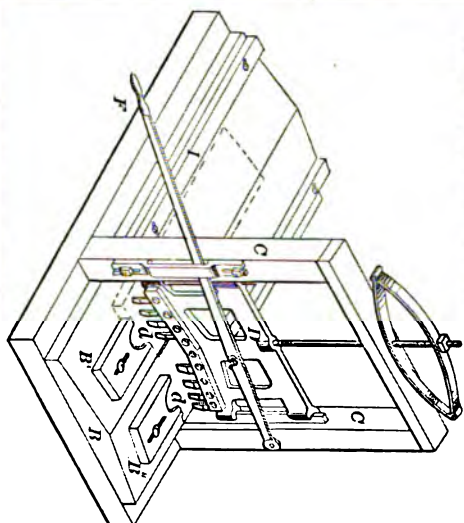
77148—T. D. White—Dovetail Machine.



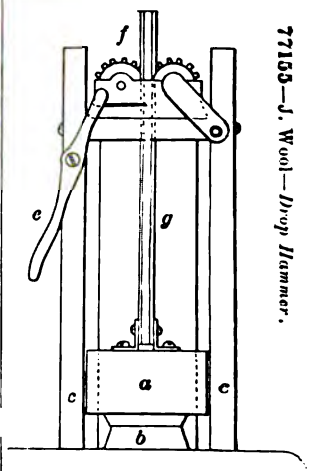
77152—W. Wilson—Slide Valve.



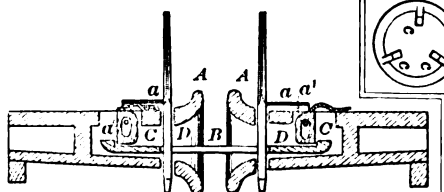
77149—T. D. White—For Making Dovetail Mortises.



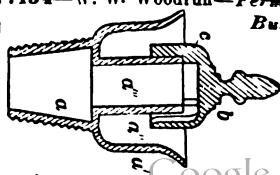
77155—J. Wool—Drop Hammer.



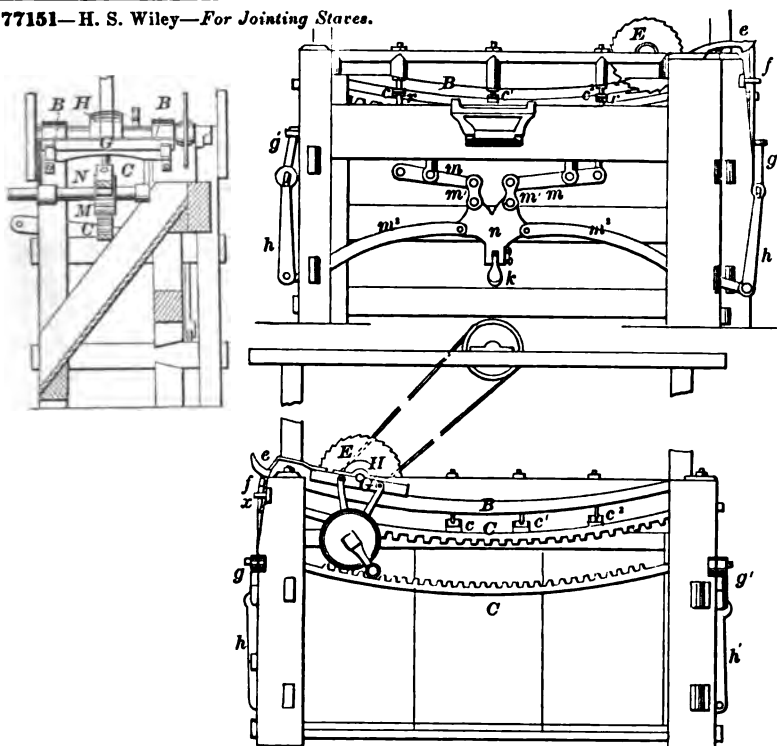
77150—Wickersham & Roush—Car Coupling.



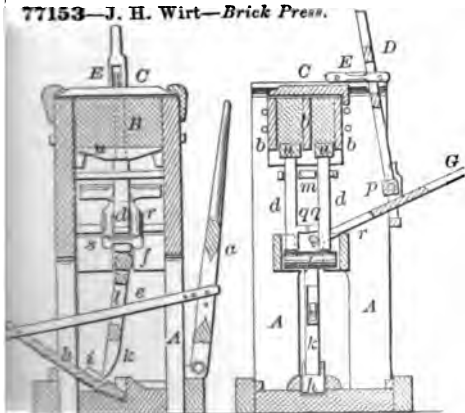
77154—W. W. Woodruff—Fermentation Bung.



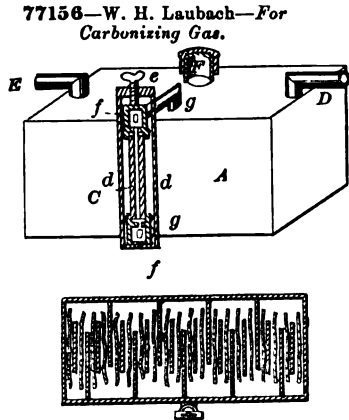
77151—H. S. Wiley—For Jointing Staves.



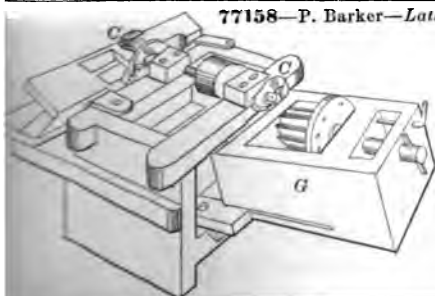
77153—J. H. Wirt—Brick Press.



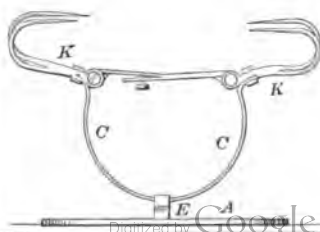
77156—W. H. Laubach—For Carbonizing Gas.



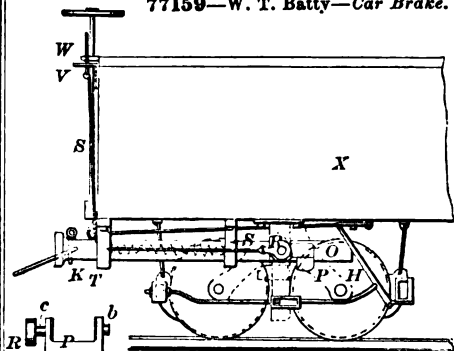
77158—P. Barker—Lathe.



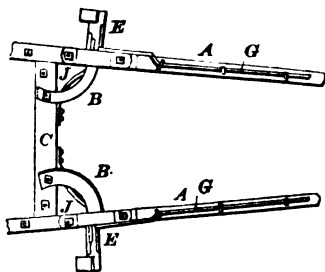
77157—A. J. Adams—Animal Trap.



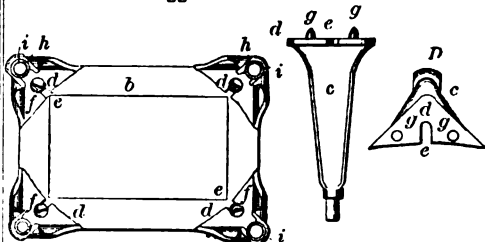
77159—W. T. Batty—Car Brake.



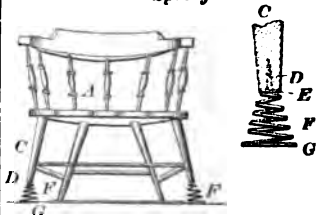
77162—J. A. Bower—Carriage Lock.



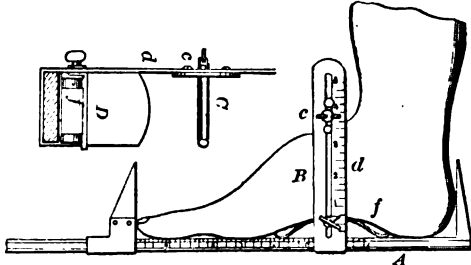
77164—J. Briggs—Piano Forte Stool.



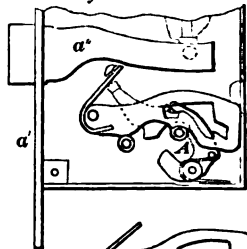
77161—A. M. Blake—Chair Spring.



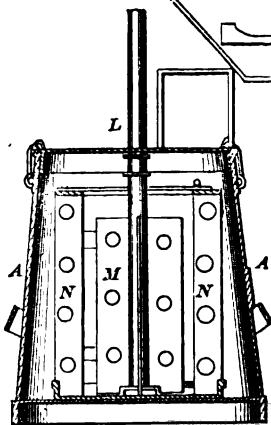
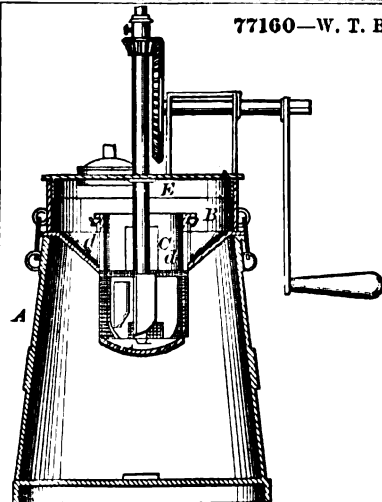
77166—L. Brooks—Boot and Shoe Form.



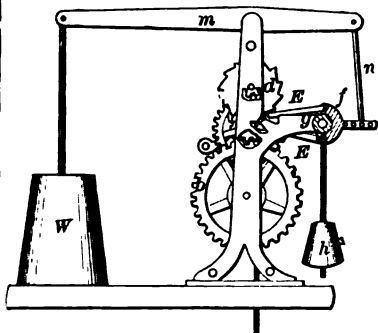
77165—A. T. Brooks—Key Hole Guard for Door Locks.



77160—W. T. Best—Churn.



77167—C. P. Carter—*Mechanical Power.*

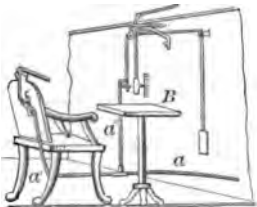
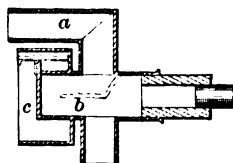


77168—W. Z. W. Chapman—*Inhaling Gas.*

Fig. 5



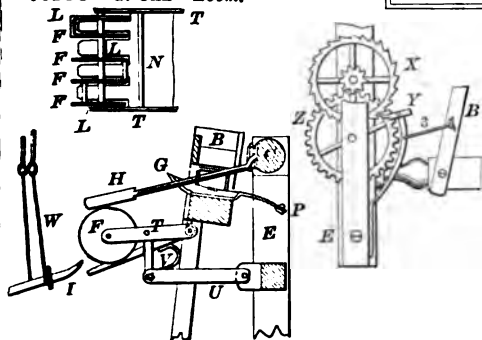
Fig. 3



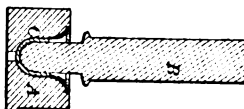
77173—*F. & G. G. Crague—Roller for Draining Machines.*



77169—G. Cliff—*Loom.*



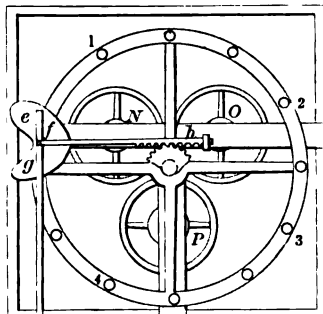
77170—J. H. Cole—*Ferrule Die.*



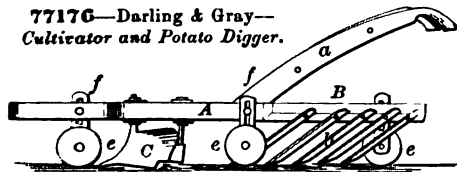
77171—T. B. Conklin—*Drive Well.*



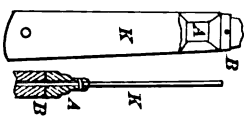
77172—Corbit, Orput & Case—*Churn.*



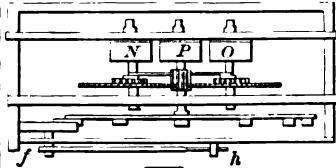
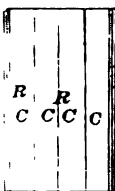
77176—Darling & Gray—*Cultivator and Potato Digger.*



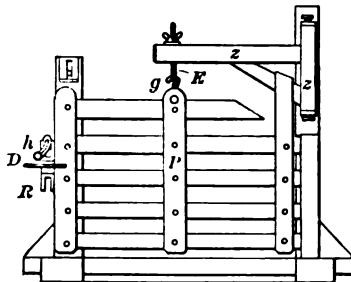
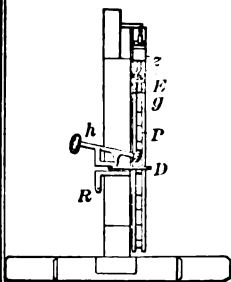
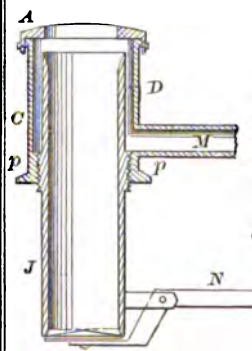
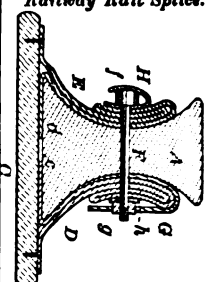
77175—R. E. Curtis—*Cutlery.*



77177—C. De Haas—*Roofing Building.*

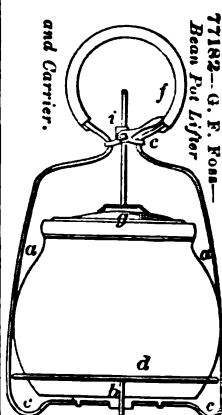
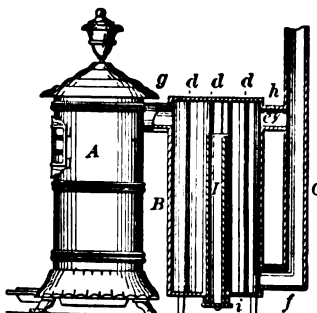
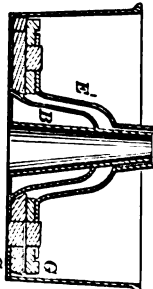
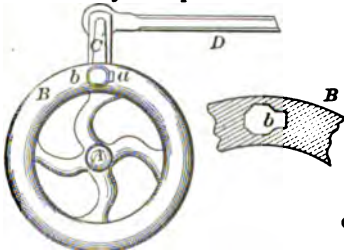


77174—J. Curtis—Farm Gate.

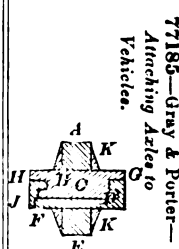
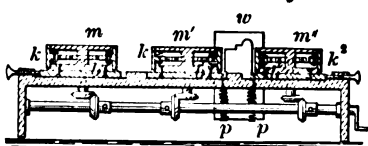
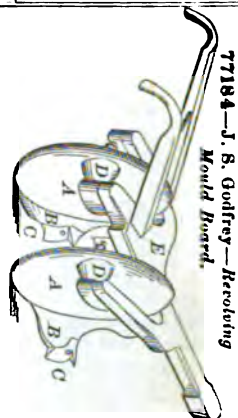
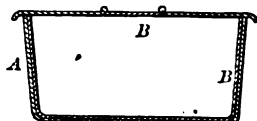
77180—R. Elliott—
Railway Rail Splice.

77178—L. Donnell—Tugers.

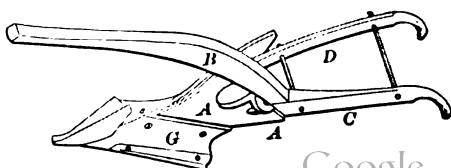
77179—N. Downes—Stove Drum.

77182—G. F. Koss—
Bean Pot Lifter
and Carrier.77181—J. H. Elward—Wrist Pin
for Reapers.77183—S. Fountain—
Amalgamator.

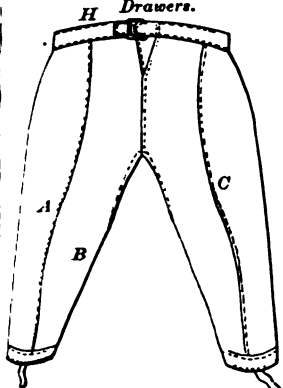
77187—H. R. Hall—Enameling Machine.

77185—Gray & Porter—
Attaching Axle to
Vehicles.77184—J. S. Goffrey—Revolving
Mould Board.77186—C. O. Greene—Preventing
Corrosion of Cast Iron Vessels.

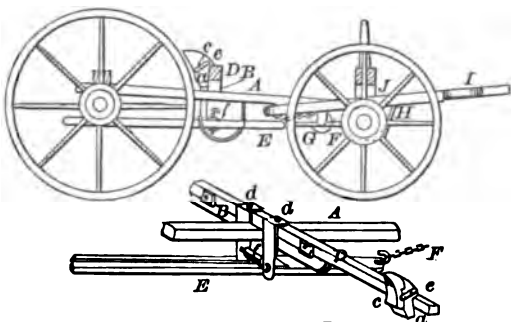
77188—J. S. Hall—Plow.



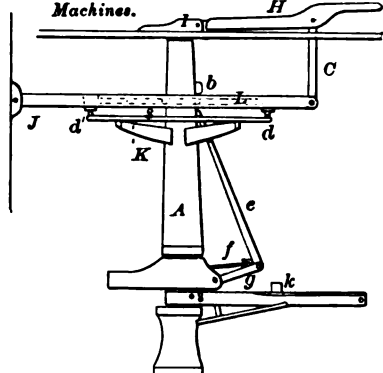
77189—H. Heath—Cloth Drawers.



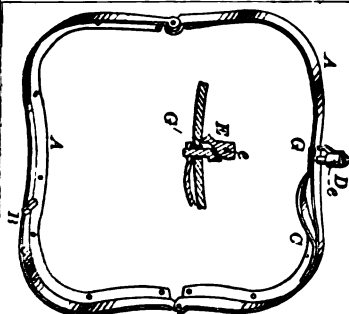
77190—S. S. Henderson—Wagon Brake.



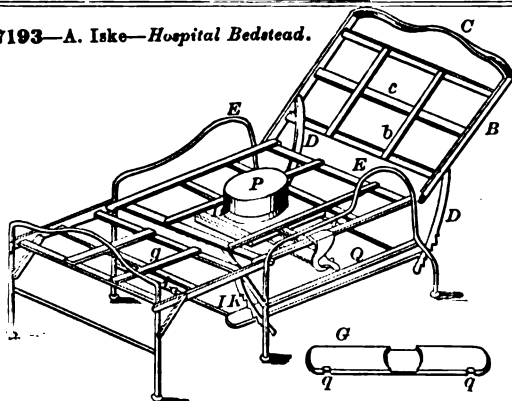
77191—C. S. Houck—Capstan for Hoisting Machines.



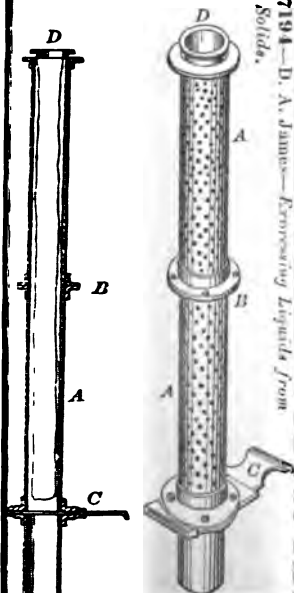
77192—J. C. Iden—Safety Pocket.



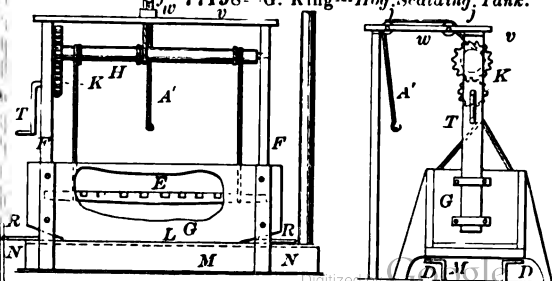
77193—A. Iske—Hospital Bedstead.



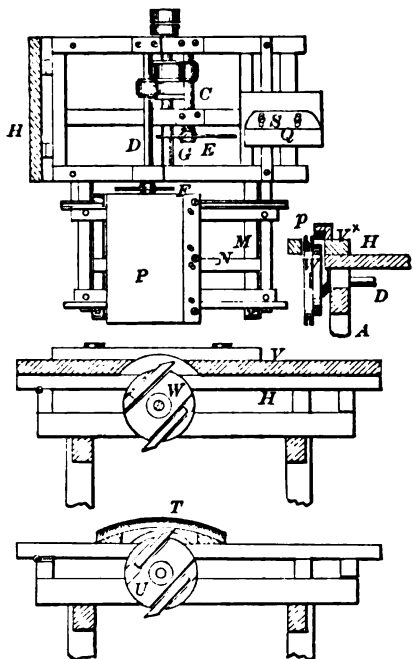
77194—D. A. James—Kerosene Lamps from Solids.



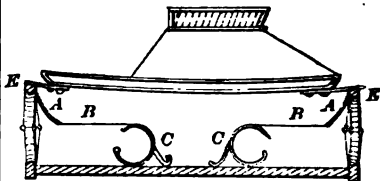
77198—G. King—Hog-Scalding Tank.




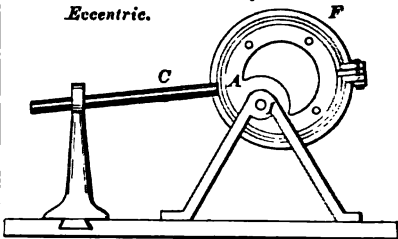
77195—T. Jenkyn—Sawing Machine.



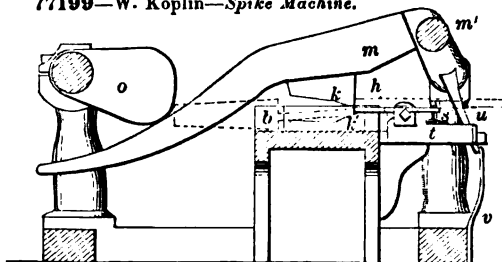
**77196—I. D. Johnson—Carriage Check
Brace.**



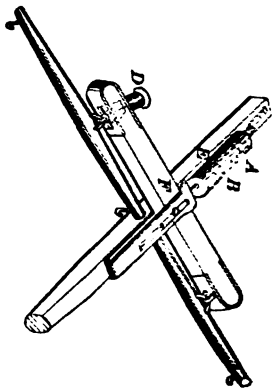
77197—Keeler & Avery—Variable Eccentric.  **F**




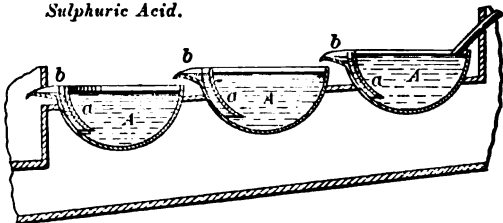
77199—W. Koplin—Spike Machine.



77200--Lafavor & Larnaby--Equalizer.



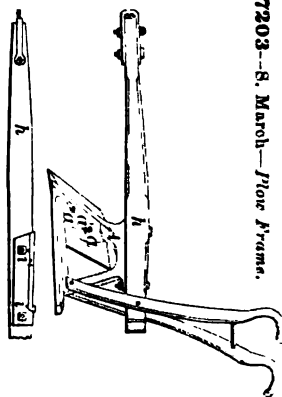
77202—Marcelin & Saunders—*Pan for Concentrating Sulphuric Acid.* 



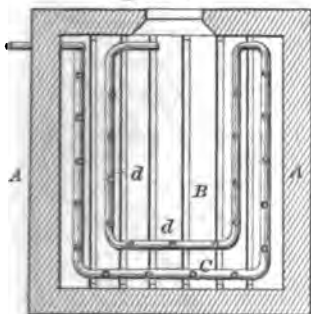
77201—W. I. Ludlow—*Fruit Bag.*



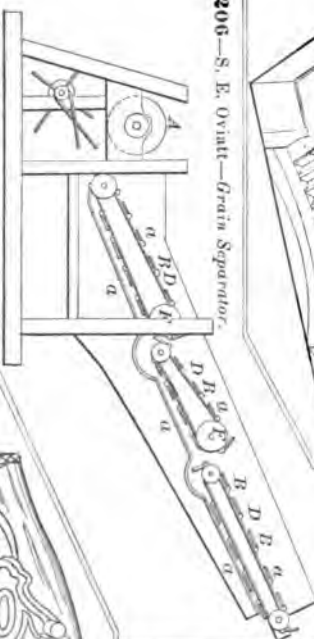
77203--8. Marsh--Flora Fremont.



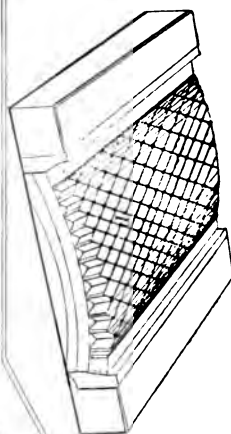
77205—F. I. Norton—Drying Apparatus.



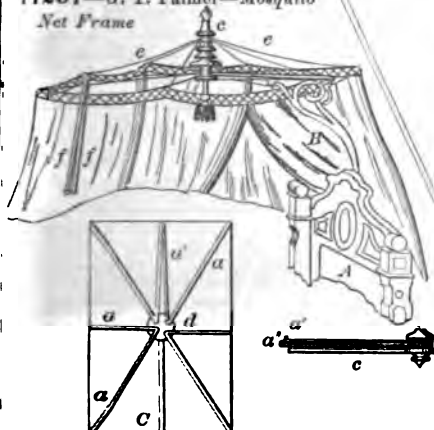
77206—S. E. Oviatt—Grain Separator.



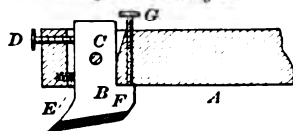
77208—J. T. Parson—Loading Pavement.



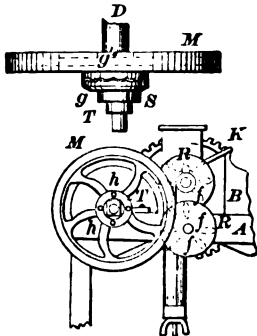
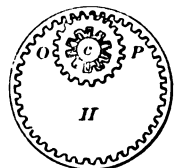
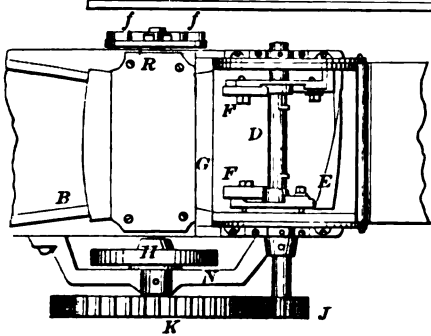
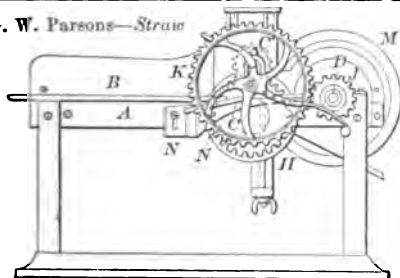
77207—G. T. Palmer—Mosquito Net Frame



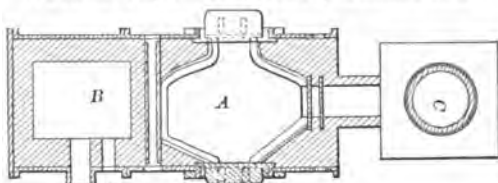
77211—E. T. Prindle—Cutting Tool for Planing and Milling Machines.



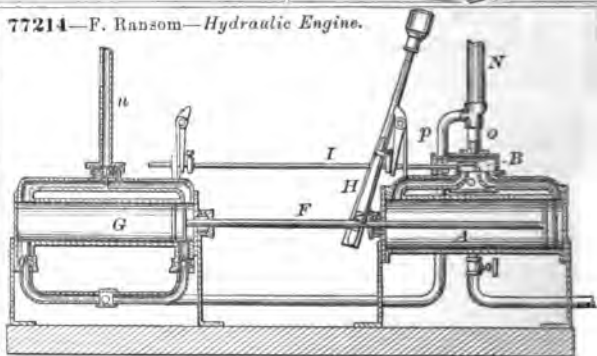
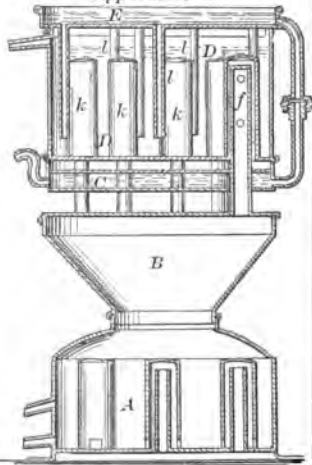
77209—G. W. Parsons—Strain Cutter.



77210—J. Player—Manufacture of Malleable Iron.

77213—U. H. RAMON—
Self-Winding Watch.

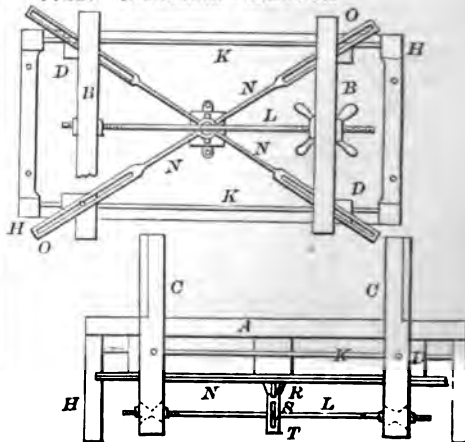
77214—F. Ransom—Hydraulic Engine.

77216—J. Riley—Distilling
Apparatus.

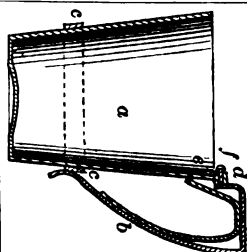
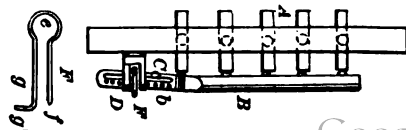
77212—J. A. Putnam—Chute for River Navigation.



77217—C. Robinson—Mitre Box.



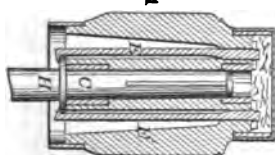
77218—T. F. Rockwell—Blind Slat Fastening.

77215—C. Reistle—
Turner Holder.

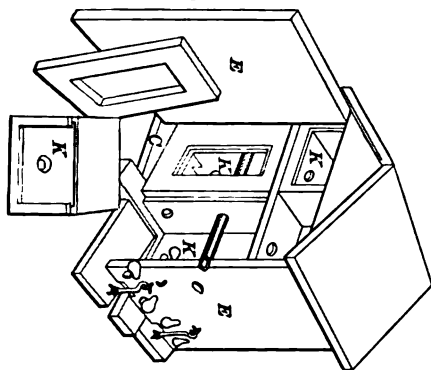
77219—S. C. Rundlett—Bit Brace.



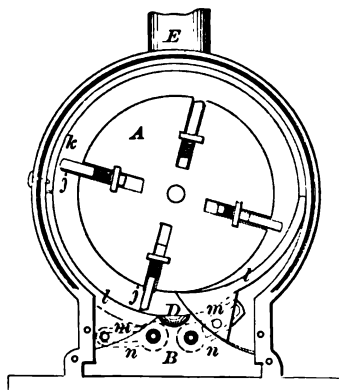
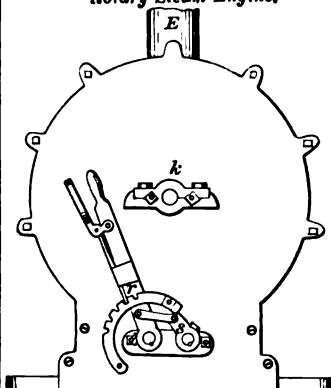
77220—G. W. Sawin—Attaching Wheels to Axles.



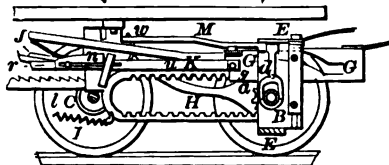
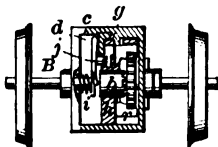
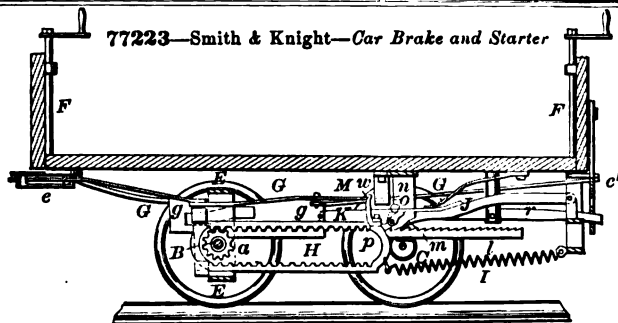
77222—W. M. Simpson—Bee House and Hive.

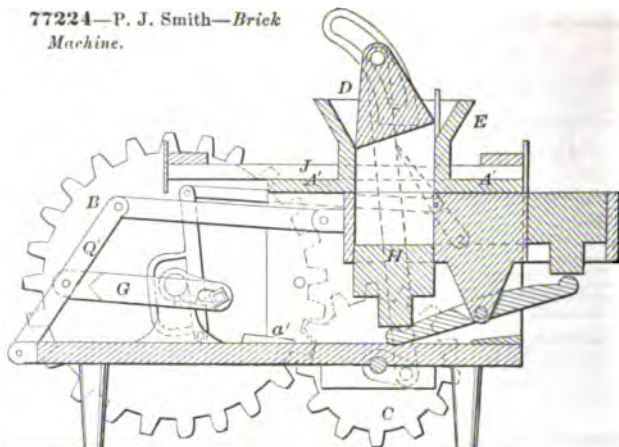


77221—Shellenback & Augsburgur—Rotary Steam Engine.

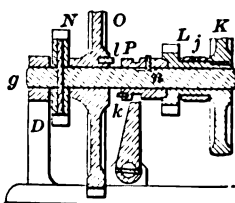
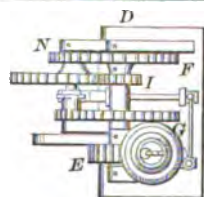
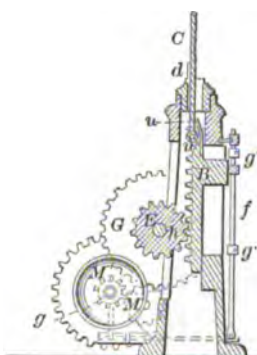


77223—Smith & Knight—Car Brake and Starter



77224—P. J. Smith—Brick
Machine.

77228—O. A. Watkins—Chair Seat.

77225—Smith & Eddy—
For Cutting Key Seats

77226—D. E. Sones—For Consuming Smoke and Gas.

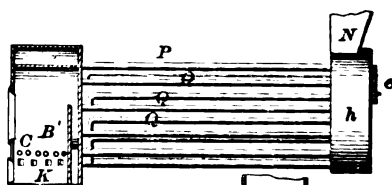
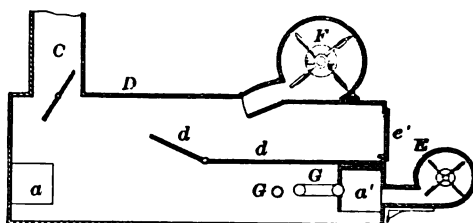
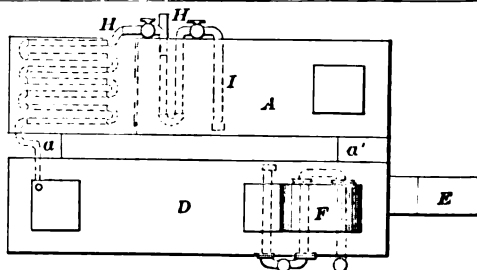


Fig. 11

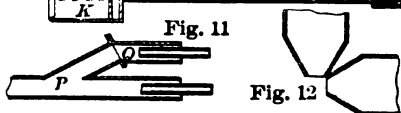
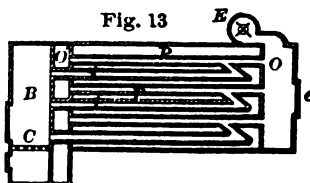
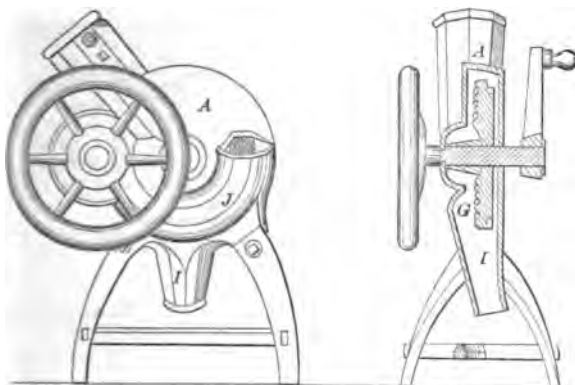


Fig. 12

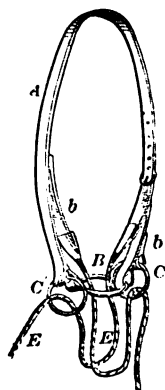
Fig. 13



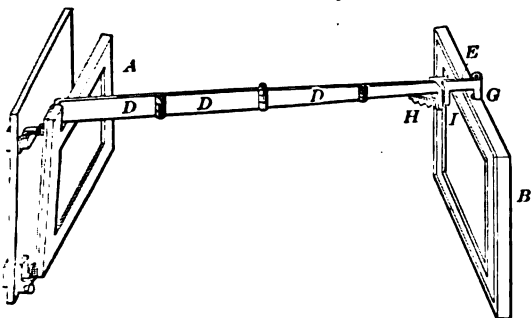
77227—J. Warren—Corn Sheller.



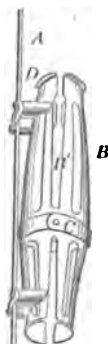
77235—S. V. R. York—*Bitting Attachment.*



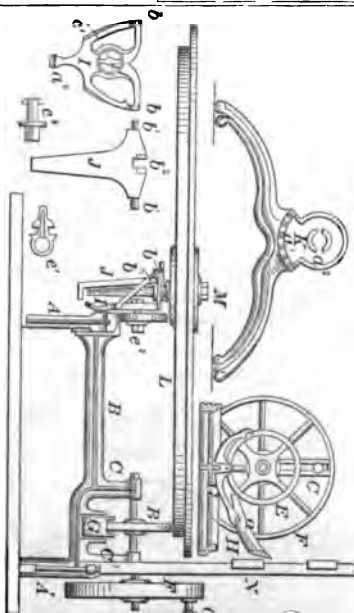
77229—U. A. Woodbury—*Looking Glass.*



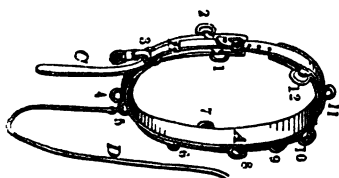
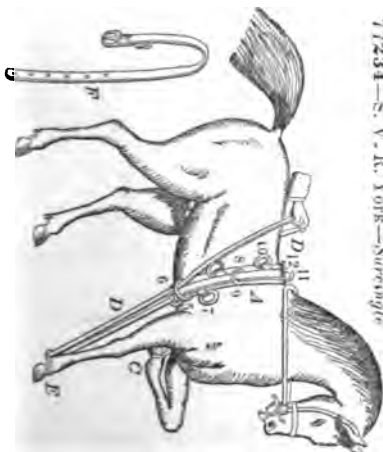
77233—A. Worden—*Whip Holder.*



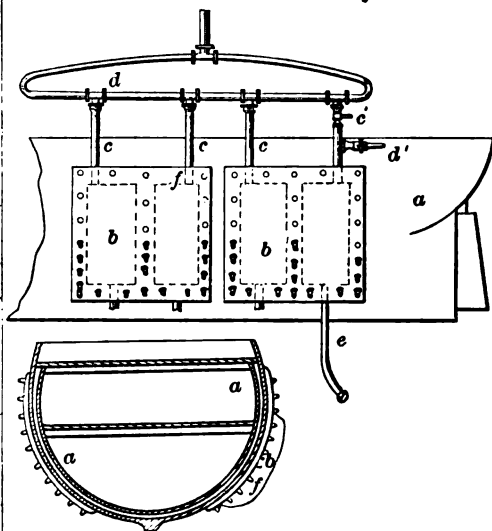
77236—J. J. Adgate—*Animal Power.*



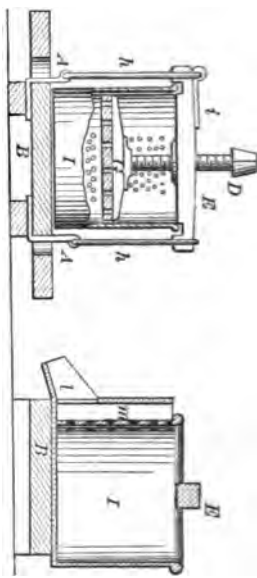
77231—S. V. R. York—*Sureingale.*



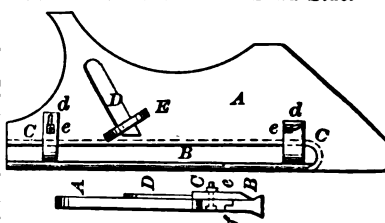
77237—G. M. Allerton—For Raising Sunken Vessels.



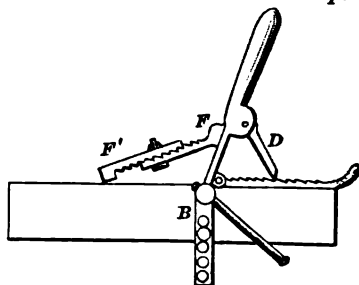
77239—S. S. Ayie—Lard Press.



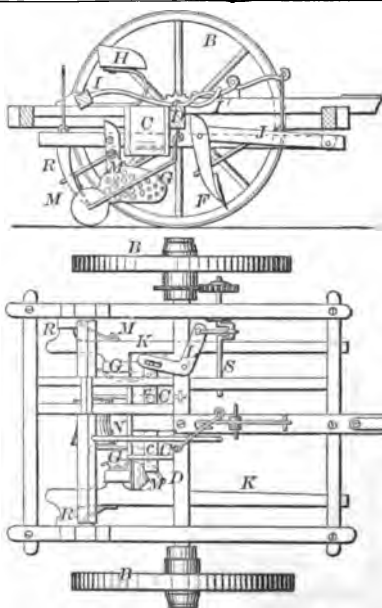
77242—J. Bacon—Plow Land Side.



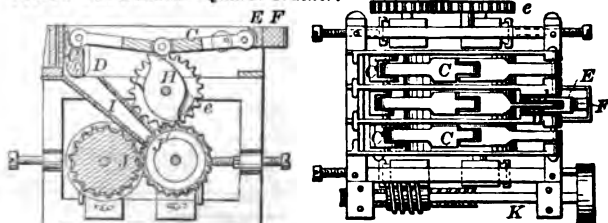
77243—J. H. Baker—Floor Clamp.



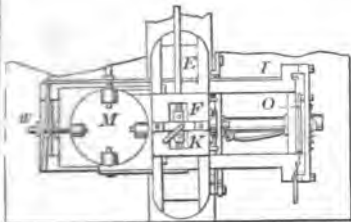
77238—I. B. Arthur—Corn Planer and Cultivator.



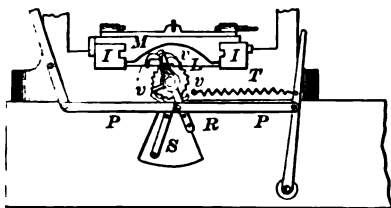
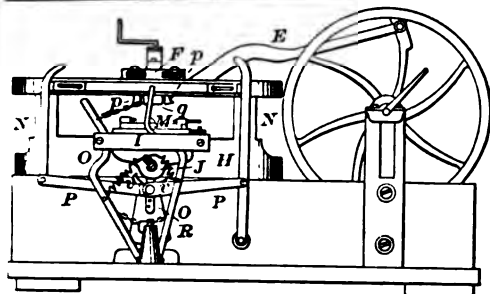
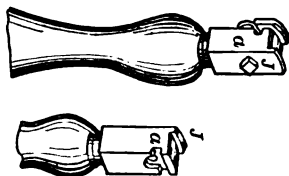
77240—B. Babbitt—Quartz Crusher.



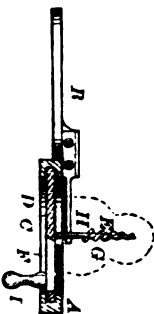
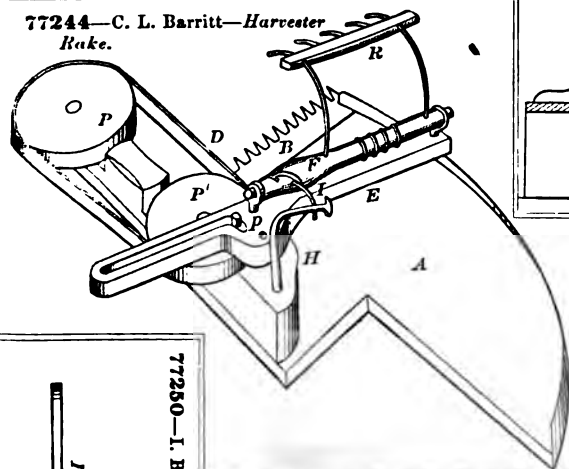
77241—J. S. L. Babbs—For Making Pegs.



77246—J. Bleasde—Fore Part Iron.

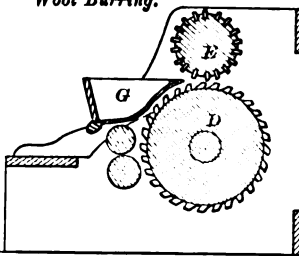


77244—C. L. Barritt—Harvester Rake.

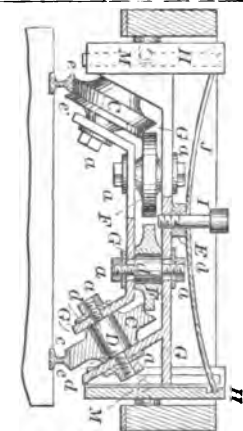


77250—L. Bullard—Vegetable Slicer.

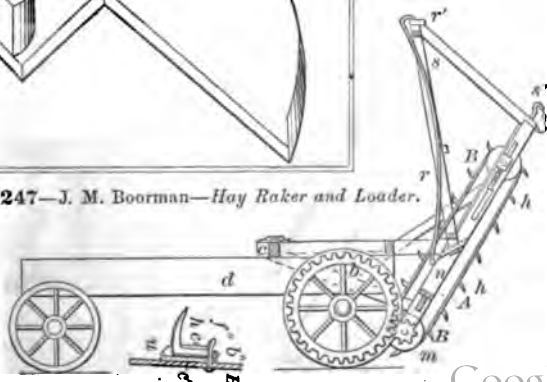
77249—L. Brumbach—For Wool Burring.

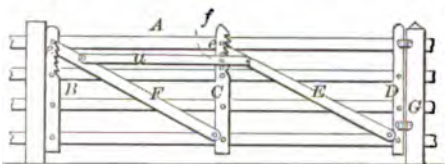
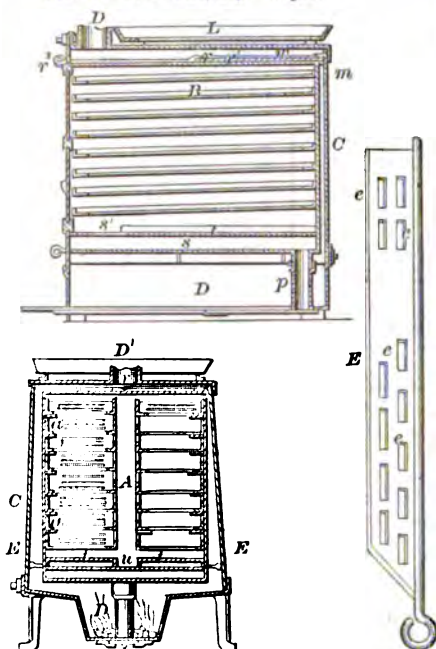
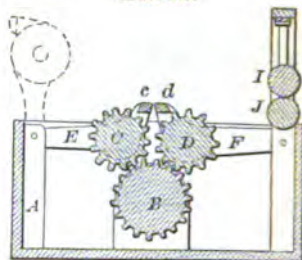
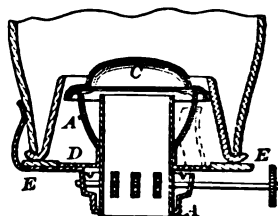
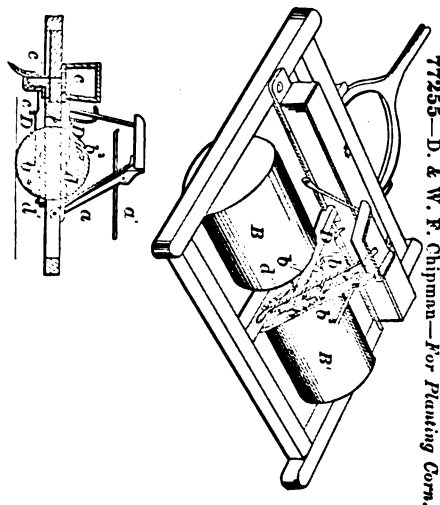
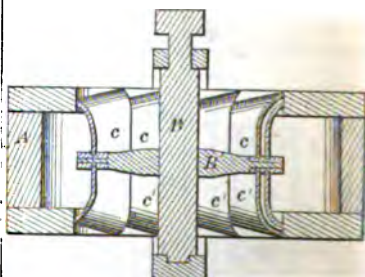
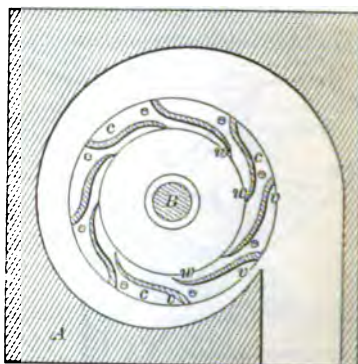


77248—S. Y. Bradstreet—Safety Truck

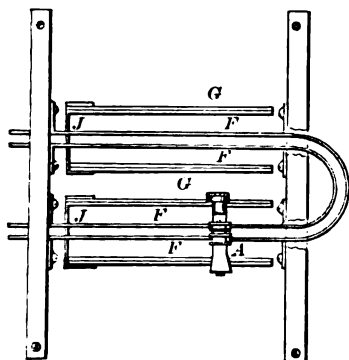
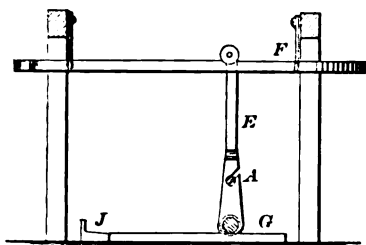


77247—J. M. Boorman—Hay Raker and Loader.

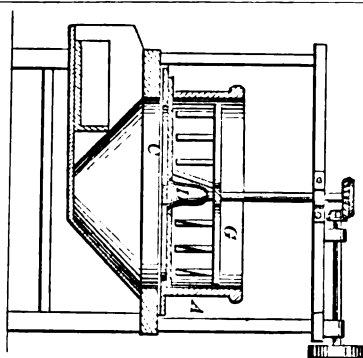
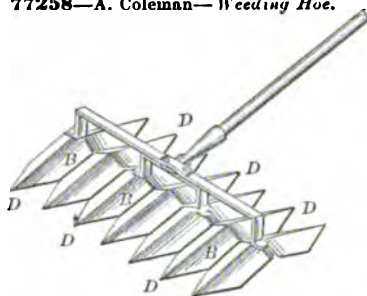


77251—E. P. H. Capron—*Farm Gate*77253—S. L. Cheyney—*Dryer*.77252—Case & Johnson—*Washing Machine*.77254—G. Chinnoek—*Lamp Burner*.77256—J. Clark—*Water Wheel*.77255—D. & W. F. Chipman—*For Planting Corn*.

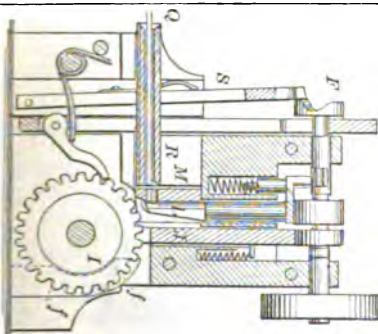
77257—J. H. Cole—Roofing Machine.



77258—A. Coleman—Weeding Hoe.

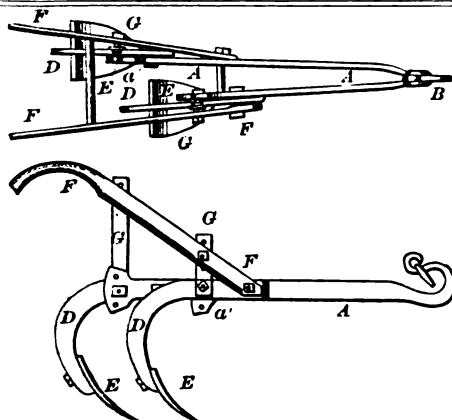
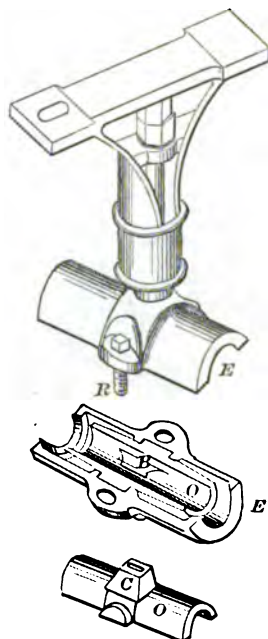


77259—J. B. Cox—For Disintegrating Ore.



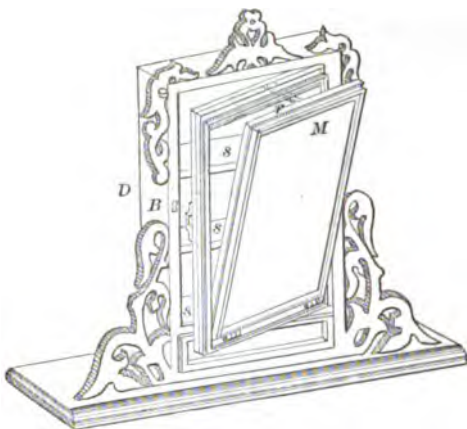
77262—F. Davison—Nail Machine.

77261—W. W. Crane—Self-Lubricating Box for Shafting.

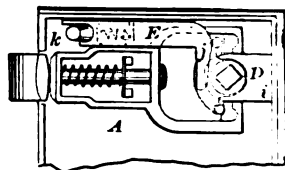


77260—A. J. Craig—Double Shovel Plow

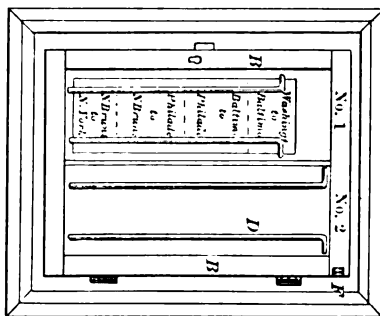
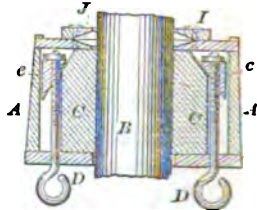
77263—H. W. Eastman—Bureau Toilet Attachment.



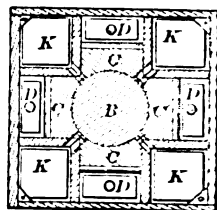
77264—H. H. Elwell—Reversible Knob Latch.



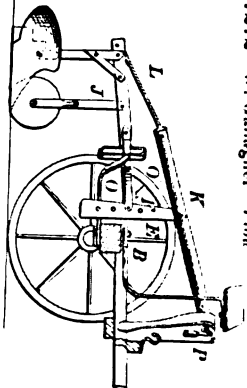
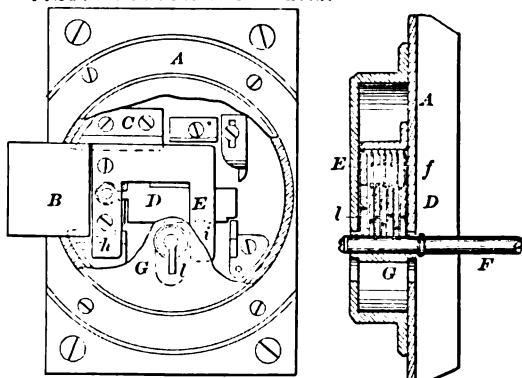
77265—J. M. Evril—Mill Bush.



77266—O. G. & S. G. Fessenden—Ticket Holder for Railroad Car, &c.

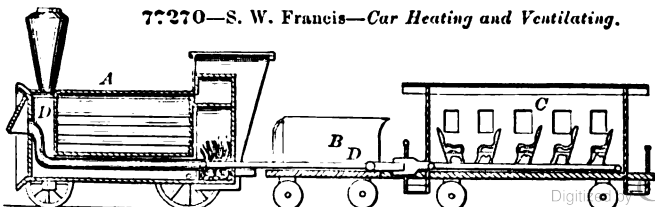


77267—W. D. Field—Door Lock.



77272—W. Gallingner—Plane

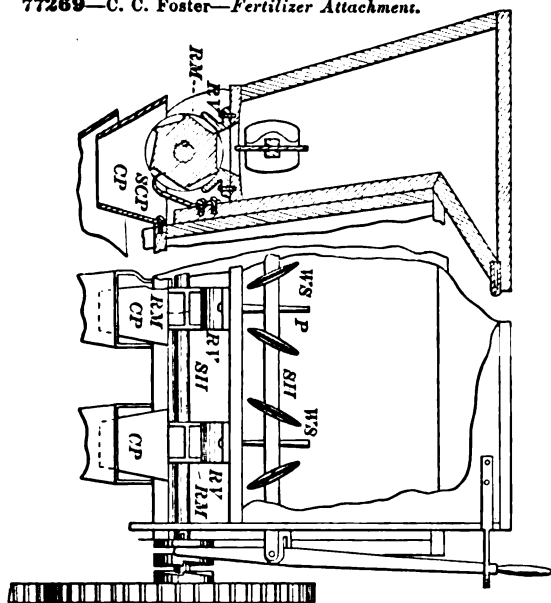
77270—S. W. Francis—Car Heating and Ventilating.



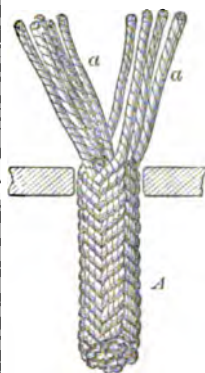
77208—P. Pinley—Clothes Pin.



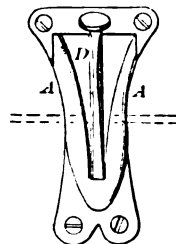
77269—C. C. Foster—Fertilizer Attachment.



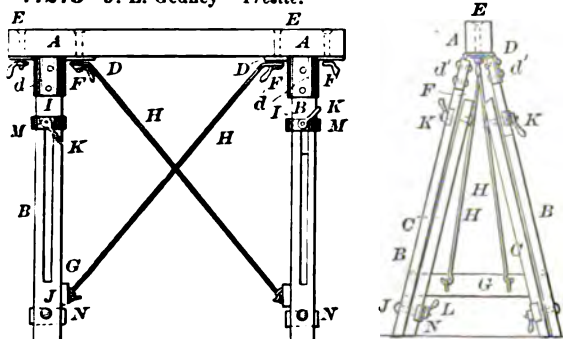
77275—J. Glanding—
Steam Engine Packing.



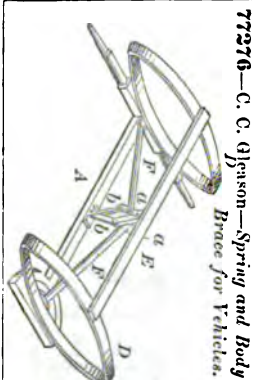
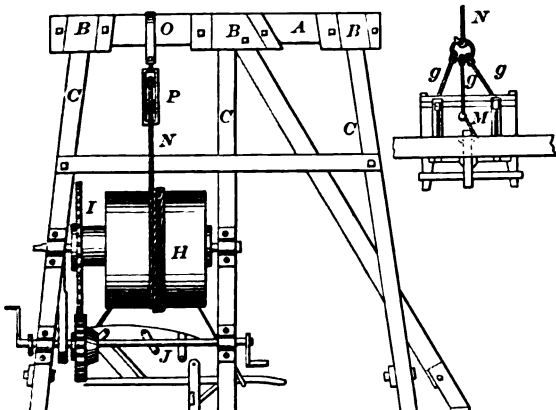
77274—J. W. Gladding—
Clothes Line Holder.



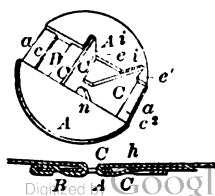
77273—J. E. Gedney—Trestle.

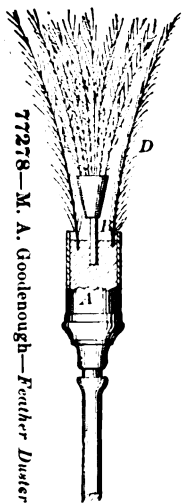


77271—C. Fricke—Derrick.

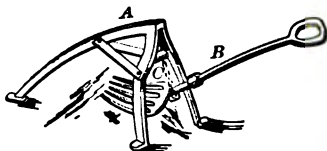


77277—J. H. Gooch—
Cotton Bale Tie.

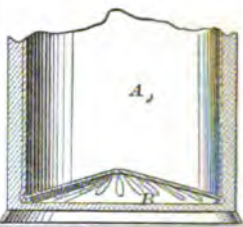




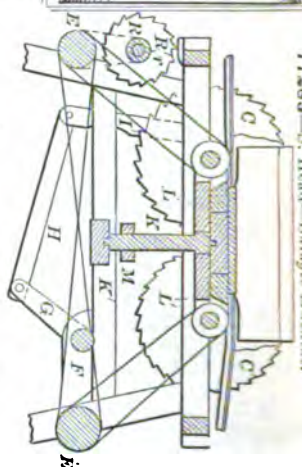
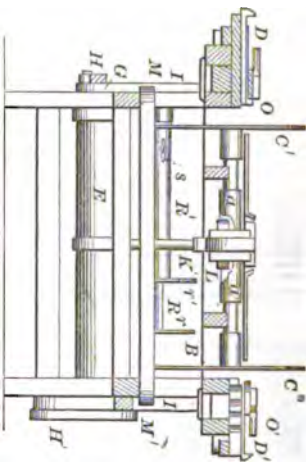
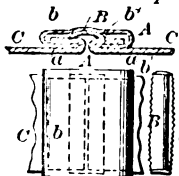
77279—A. Graves—Potato Digger.



77280—J. L. Hadden—Water Cooler.

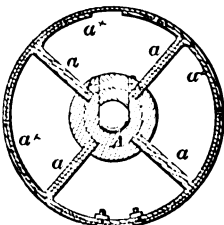


77282—Hawes & Bliss—Belt Clasp.

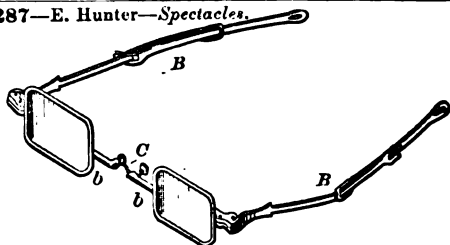


77283—S. Hunt—Shingle Machine.

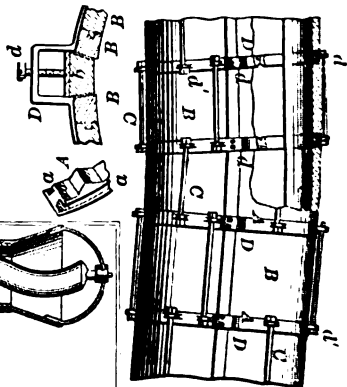
77284—F. Hewitt—Pulley.



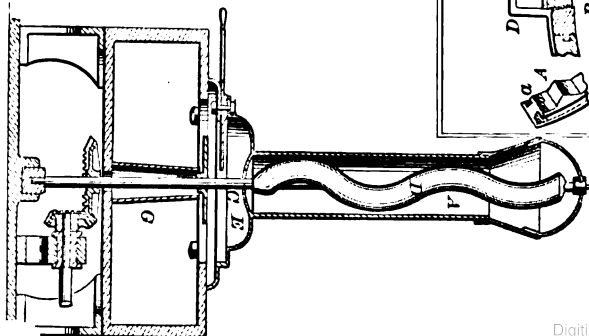
77287—E. Hunter—Spectacles.



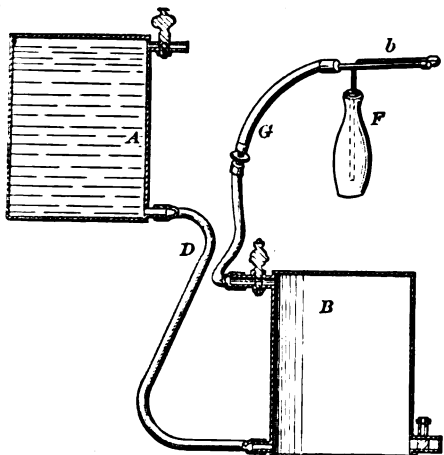
77285—W. F. Holsko—Tubular Structure.



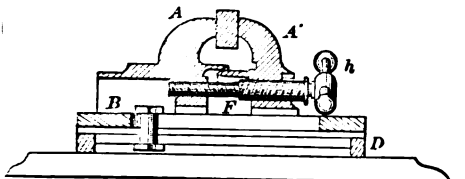
77281—Hawes & Bliss—For Cleaning Emery.



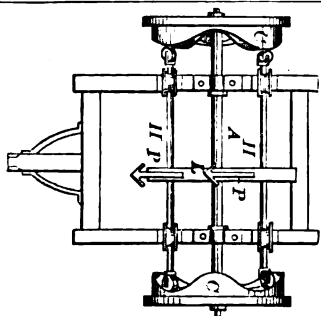
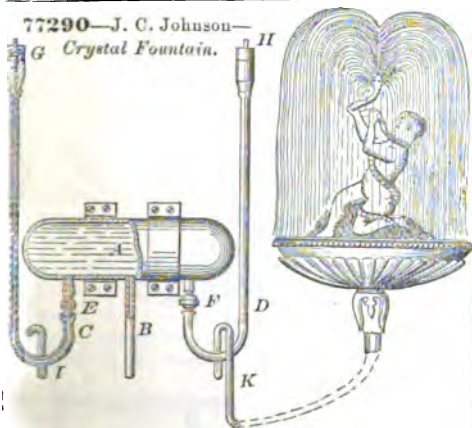
77286—C. H. Hudson—For Diffusing Liquide.



77289—A. Jameson—Vise.

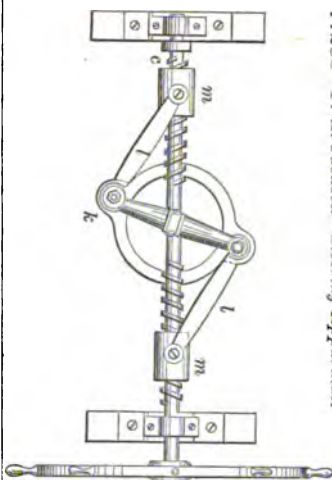


77290—J. C. Johnson—
G Crystal Fountain.

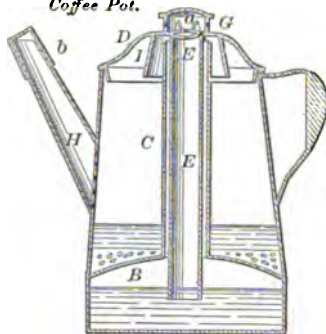


77292—I. J. Kidd—Cotton
Scraper.

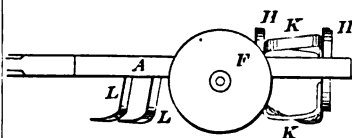
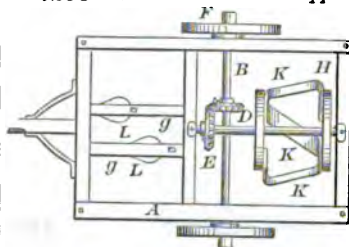
77288—D. H. Jackson—Steering Apparatus.



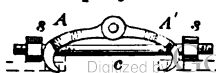
77291—A. C. Kasson—Tea and
Coffee Pot.



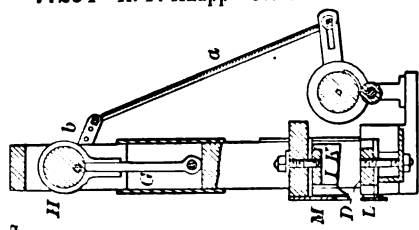
77293—I. J. Kidd—Cotton Chopper.



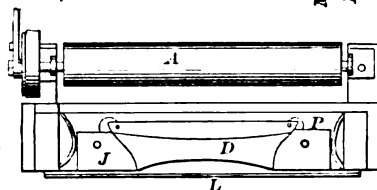
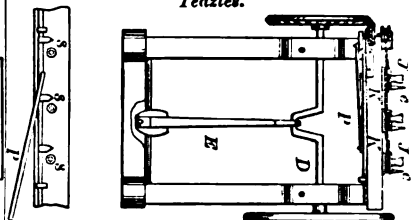
77295—C. W. T. Krausch—Belt
Coupling.



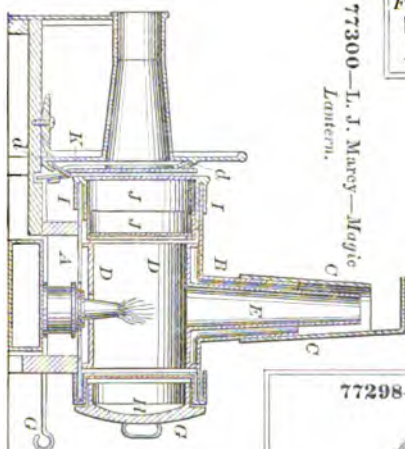
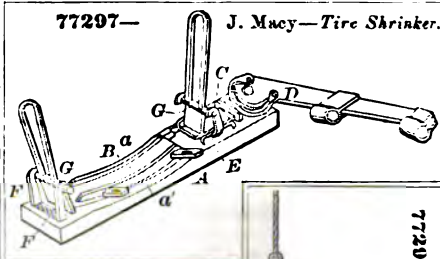
77294—H. F. Knapp—Collar Machine.



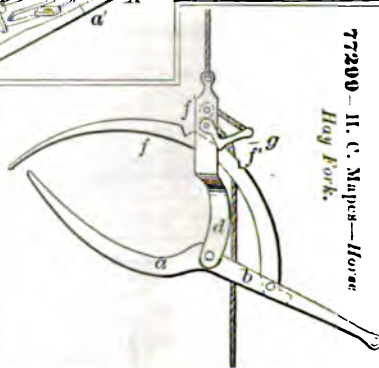
77296—E. Leffingwell—For Trimming Teazles.



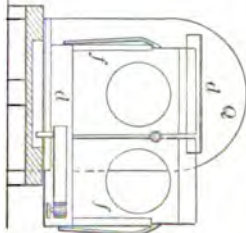
77297—J. Macy—Tire Shrinker.



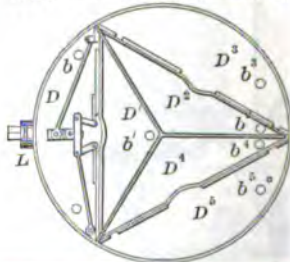
77300—L. J. Macy—Mugie Lantern.



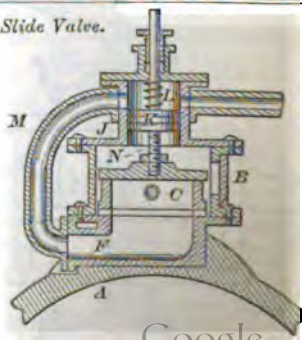
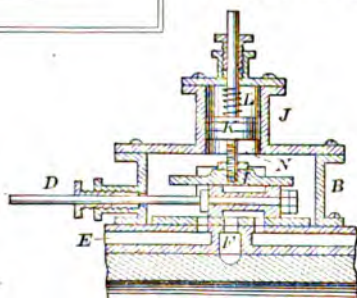
77299—H. C. Mages—Horse Fork.



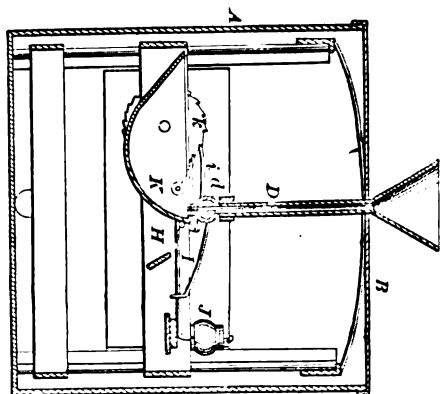
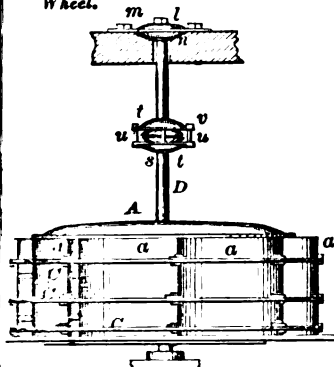
77298—J. W. Mahlon—Gas Meter.



77301—J. Martin—Slide Valve.

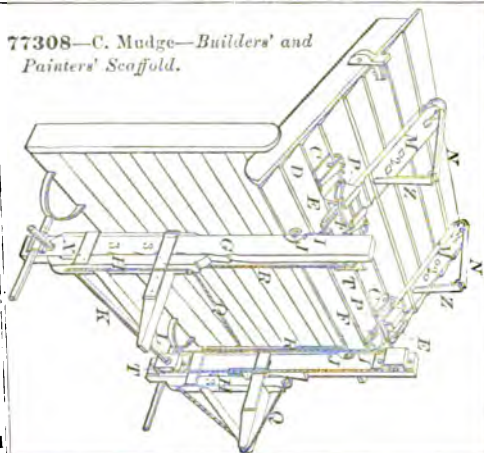


77302—W. H. Matson—*Water Wheel.*

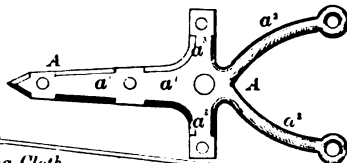


77307—C. E. Moore—*Fluid Meter.*

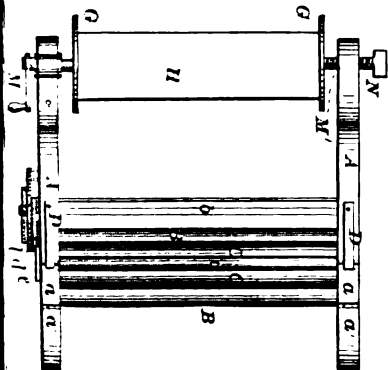
77308—C. Mudge—*Builders' and Painters' Scaffold.*



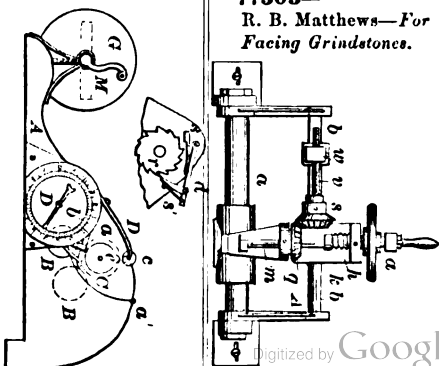
77306—L. C. Miller—*Carriage Spring Brace.*



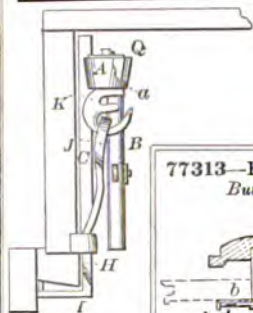
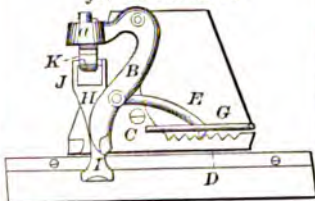
77305—G. R. McIntire—*For Measuring Cloth.*



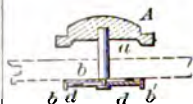
77303—
R. B. Matthews—*For Facing Grindstones.*



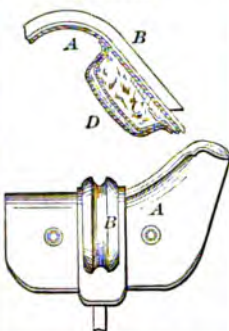
77309—H. E. Murray—*Clamp for Vehicle Seats.*



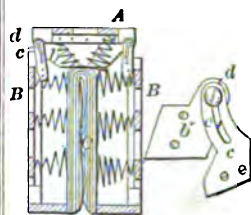
77313—F. J. Perkins—*Button.*



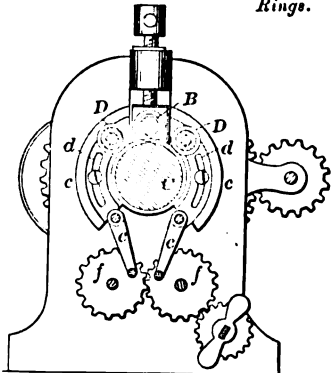
77310—J. O'Mahony—*Dray Saddle.*



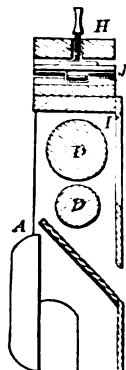
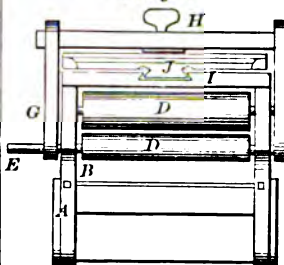
77311—F. C. Payne—*Folding Bed.*



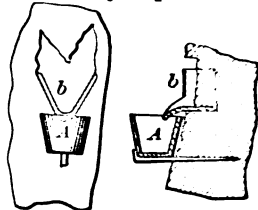
77312—W. H. Peckham—*For Bending Rings.*



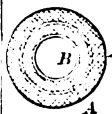
77315—M. Pierce—*Clothes Wringer.*



77319—A. Pudigon—*Gathering Turpentine.*



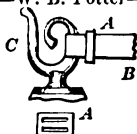
77314—E. L. Perry—*Gas Tube.*



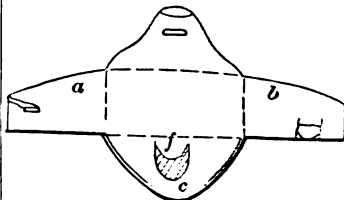
77317—A. Pope, Jr.—*For Preventing Horses from Dragging Weights.*



77318—W. B. Potter—*Check Rein Slide.*



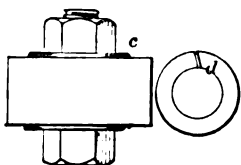
77316—C. R. M. Pohle—*Envelope.*



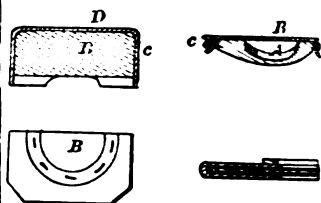
77320—J. Pusey—*Toy.*



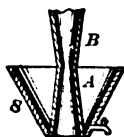
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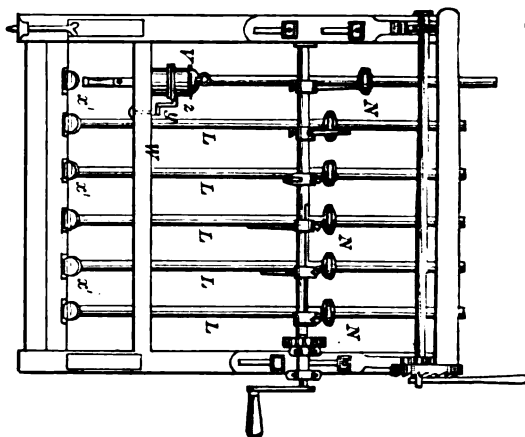
77328—P., J. & F. Slevin—Washer.



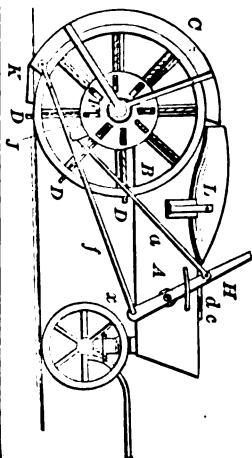
77327—M. A. Shepard—Boiler upon Stone Pipes.



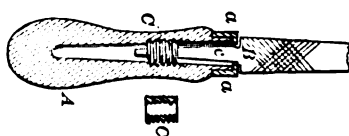
77330—Southard & Hobson—Stone Drilling Machine.



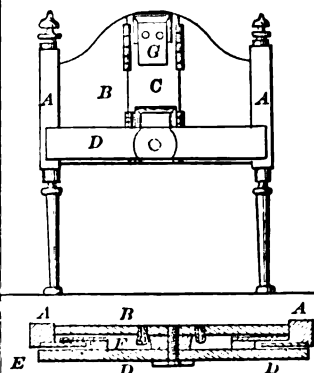
77329—J. P. Smith—Excavating Vehicle.



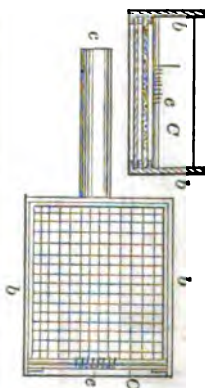
77332—H. C. Storrs—File Handle.



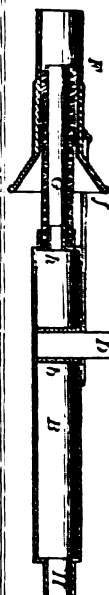
77334—R. S. Titcomb—Folding Bedstead and Crib.



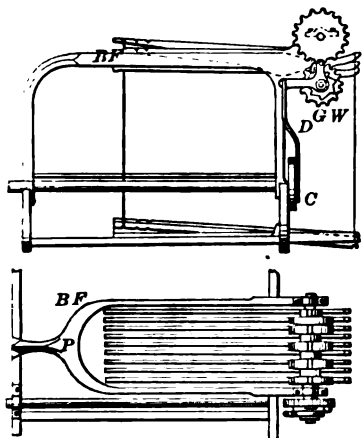
77333—A. Thayer—Screen and Shovel.



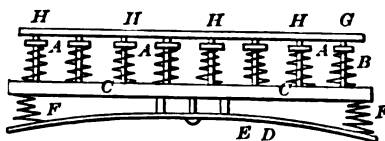
77330—T. K. Hunkman—Type Coupling for Railroad Car Hangers.



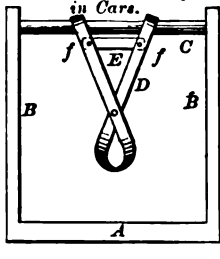
77335—F. Traub—Operating
Harness in Looms.



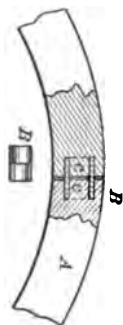
77339—C. Walker—Bed Bottom.



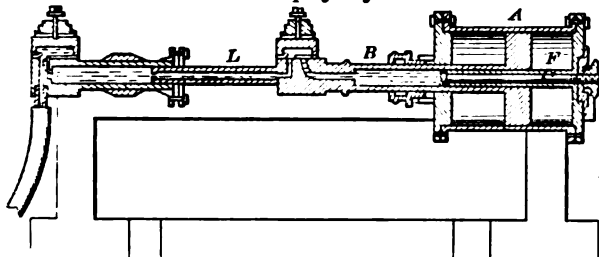
77338—H. S. Vrooman—
Support for Passengers
in Cars.



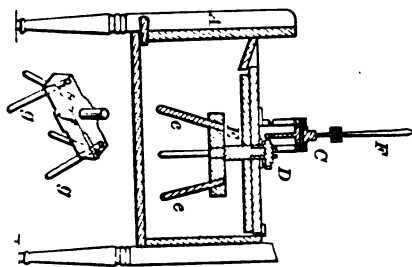
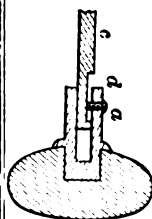
77337—E. D. Tyler—Dowel Pin.



77336—J. Tufts—Steam Pumping Engine.

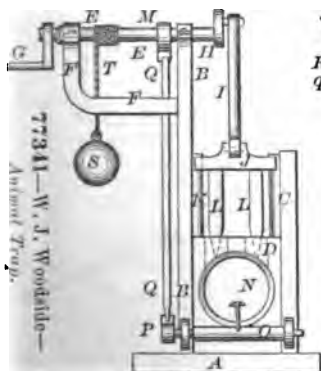
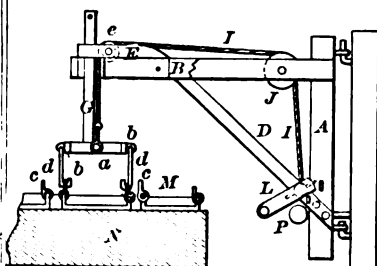


77344—W. H. Andrews—
Attaching Door Knobs to
Spindles.

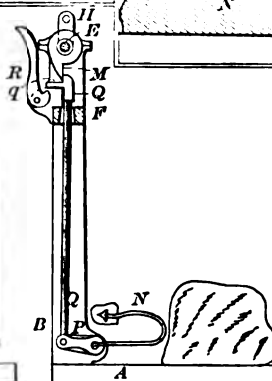


77340—J. T. Wheeler—
Washing Machine.

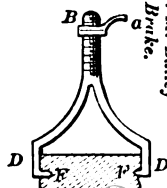
77342—D. Young—Sugar Pan Derrick.

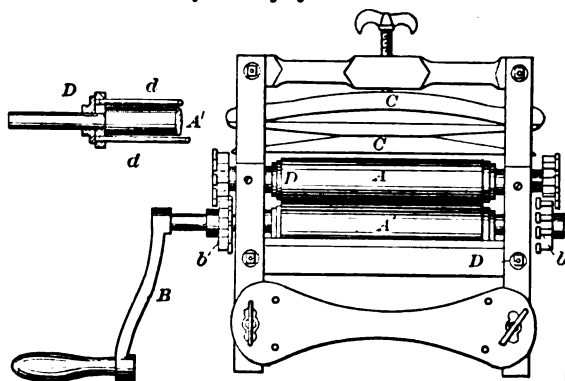
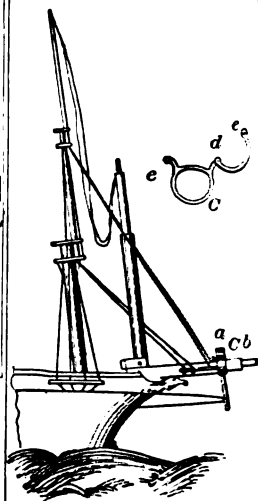
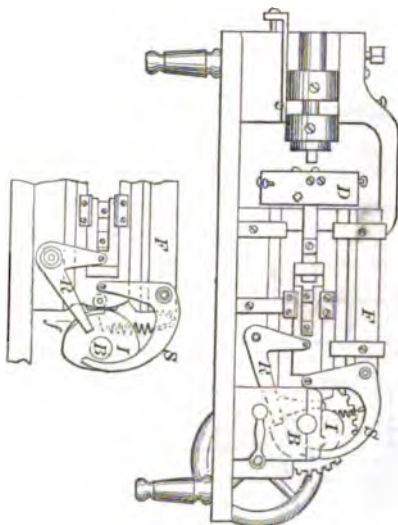
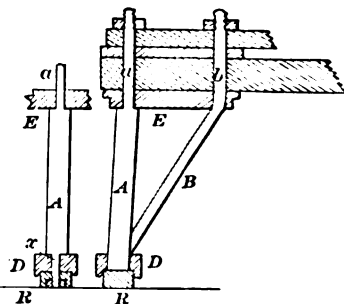
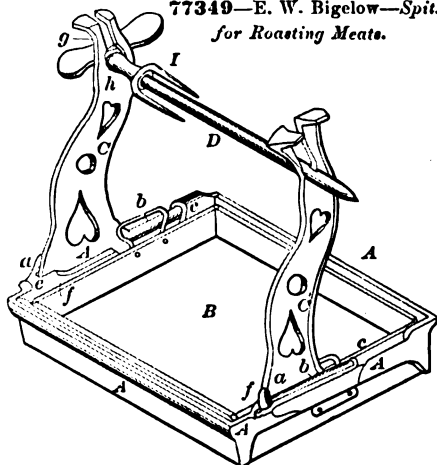
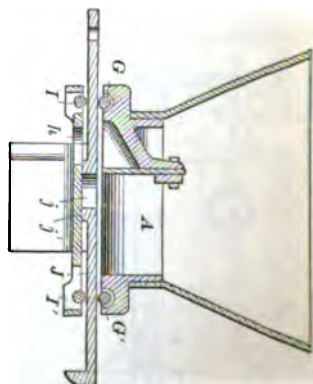


77341—W. J. Woodruff—
Animal Trough.

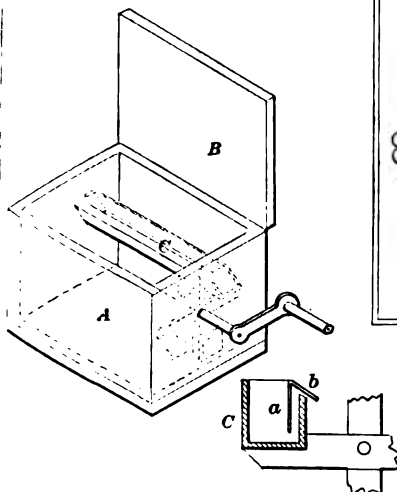


77345—D. M. Bailey—
Wagon Brake.

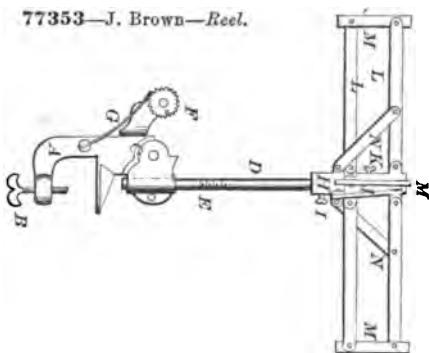


77346—S. A. Bailey—*Wringing Machine.*77348—W. E. Beman—*Jib Boom.*77347—A. B. Bean—*Nut Machine.*77350—J. W. Blake—*Sled Knee.*77349—E. W. Bigelow—*Spit for Roasting Meats.*77351—J. M. Blessing—*Corn Planter.*

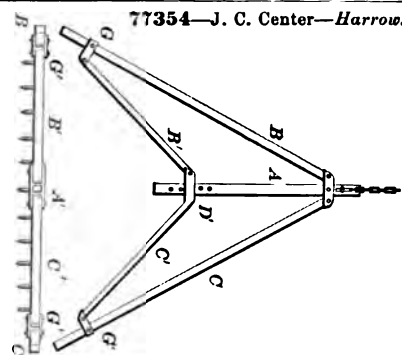
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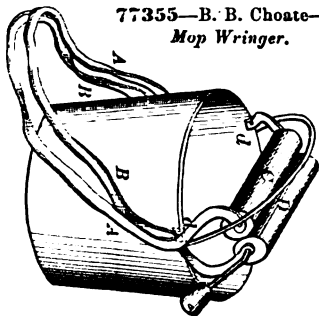
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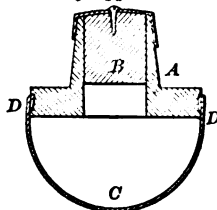
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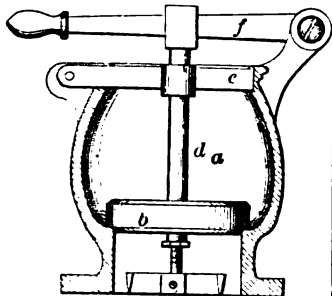
77355—B. B. Choate—Mop Wringer.



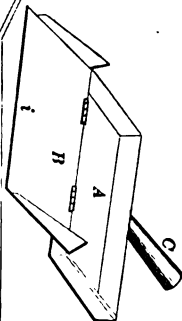
77356—W. B. Coates—Starching Apparatus.



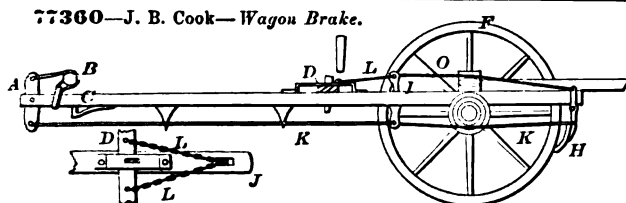
77359—L. Colwell—Sugar Pan Valve.



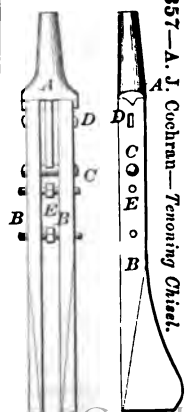
77358—D. C. Colby—Dust Pan.



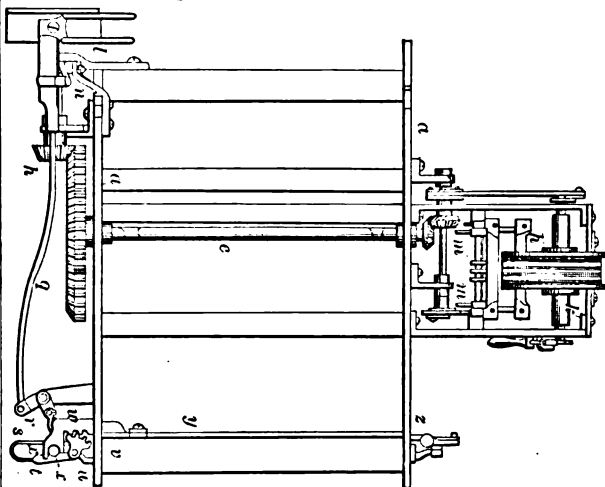
77360—J. B. Cook—Wagon Brake.



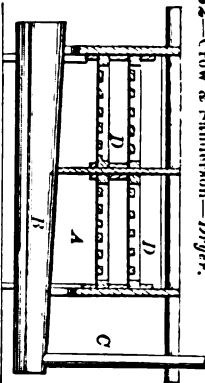
77357—A. J. Cochran—Tensioning Chisel.



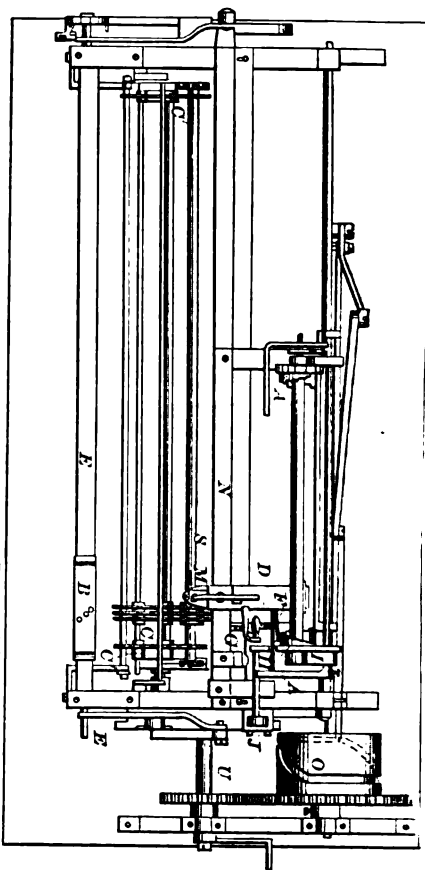
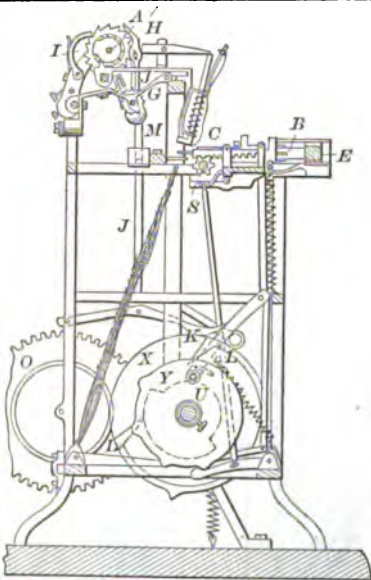
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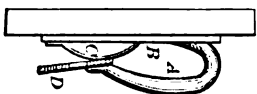
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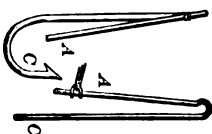
77363—J. Dalton—Knitting Machine.



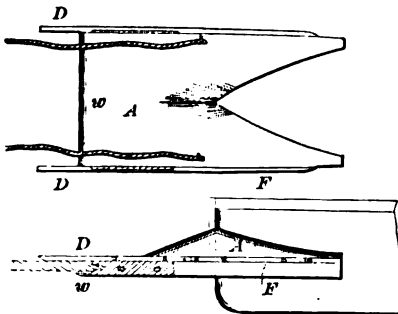
77364—F. Deming—Horse Hitching Device.



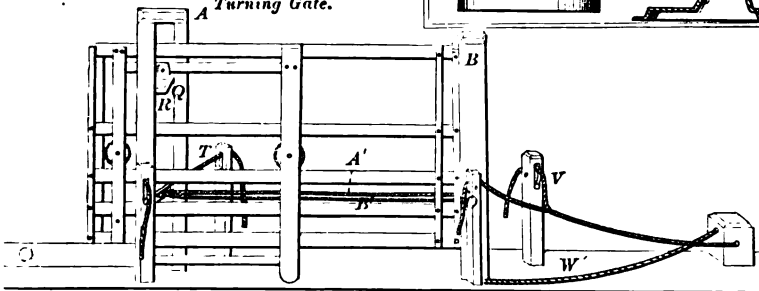
77365—R. A. Fish—Fish Hook.



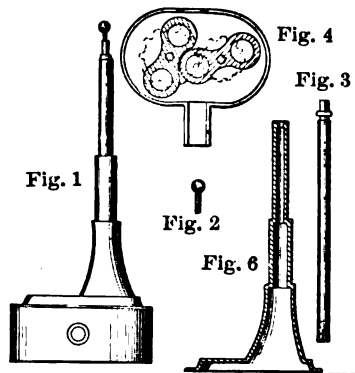
77366—A. Flannigain—*Ice Breaker.*



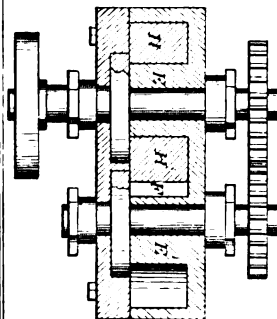
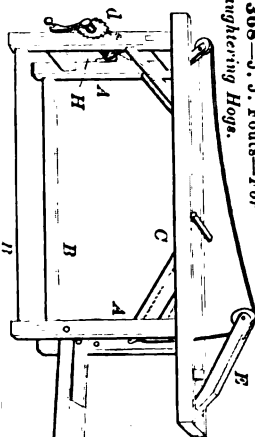
77367—R. Fleming—*Double, Sliding or Turning Gate.*



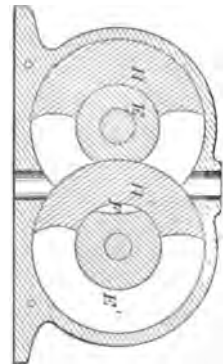
77370—G. F. Green—*Pneumatic Tooth Burr and Drill.*



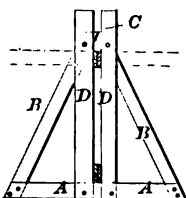
77368—J. J. Fouts—*for Slaughtering Hogs.*



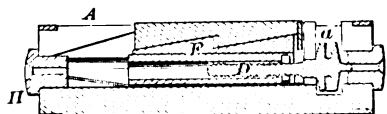
77373—D. D. Hardy—*Rotary Engine.*



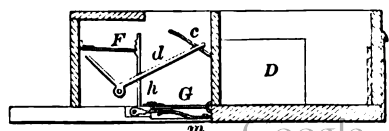
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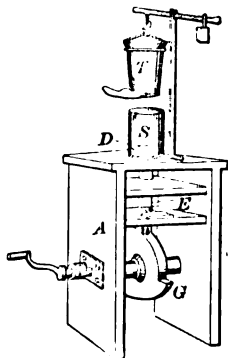
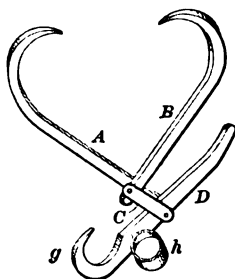
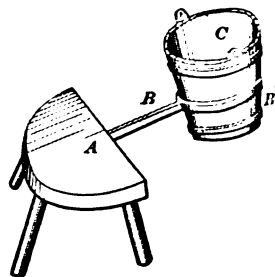
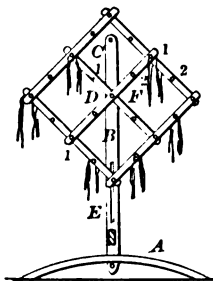
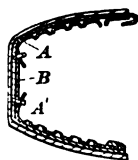
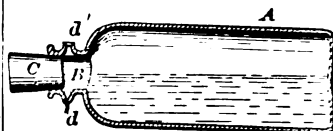
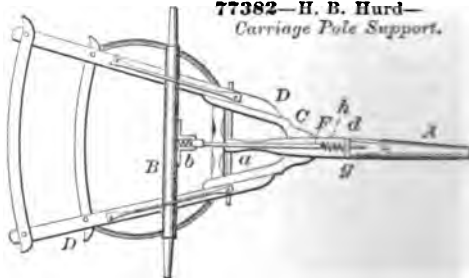
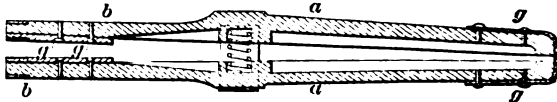
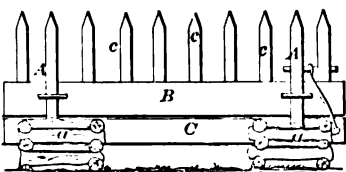
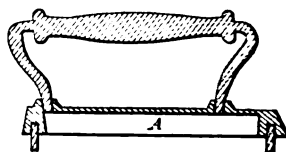


77369—M. Gardner, Sr.—*Mundrel.*

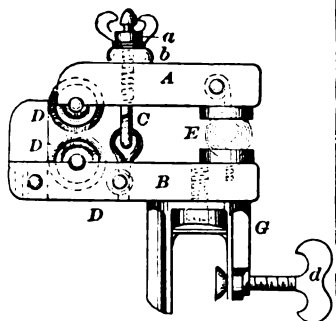


77372—B. F. Hancock—*Animal Trap.*

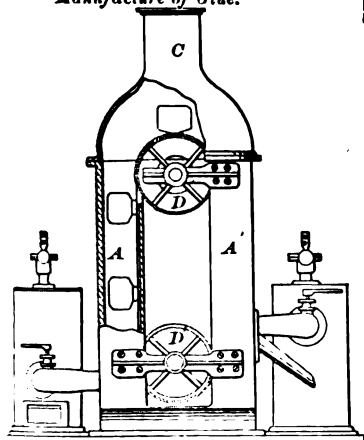


**77374—S. Hewitt—Flour
Packer.*****77375—Hicks & Doty—
Rafter Hook for Hoisting.****77376—L. B. Hoit—Milking
Stool and Pail Holder.****77377—W. W. Horton—
Hat and Dish Rack.****77380—J. Humphery
Sad Iron Holder.****77378—W. S. How—Vial.****77382—H. B. Hurd—
Carriage Pole Support.****77385—J. L. Knick—For Extracting Weeds.****77384—H. A. Kephart—Flood Gate.****77379—A. Y. Hubbell—Sad Iron.**

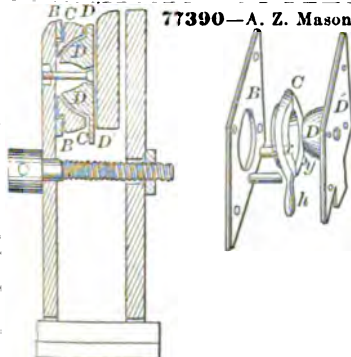
77386—Lapham & Pratt—Clothes
Wringer.



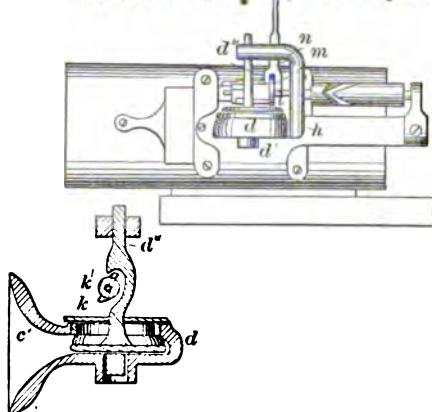
77388—J. A. & R. Lighthall—
Manufacture of Glue.



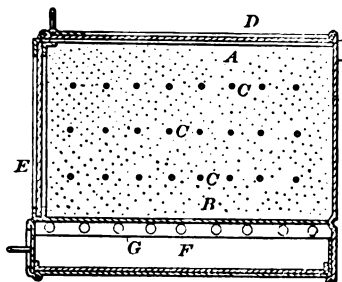
77390—A. Z. Mason—Vise.



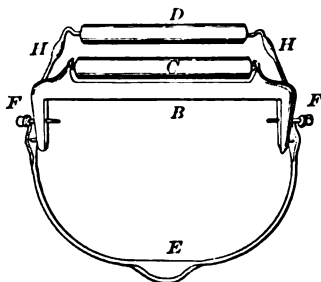
77387—W. H. Laubach—Valve for Gas Engines.



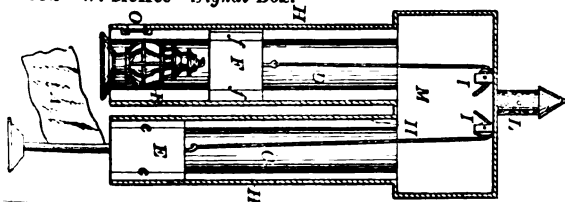
77389—W. H. Lockwood—Ventilating
Show Case.



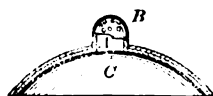
77391—May & Colton—Mop Wringer.

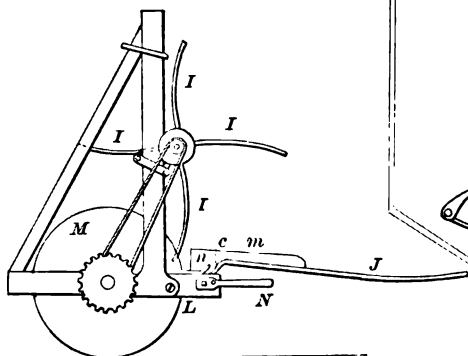
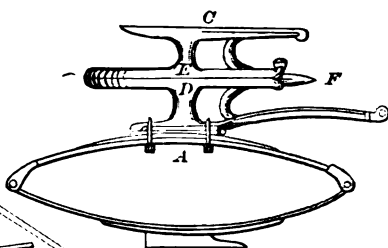
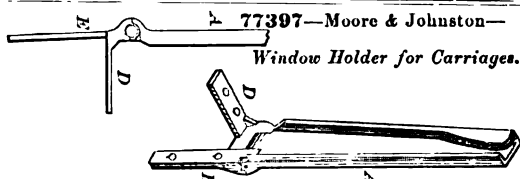
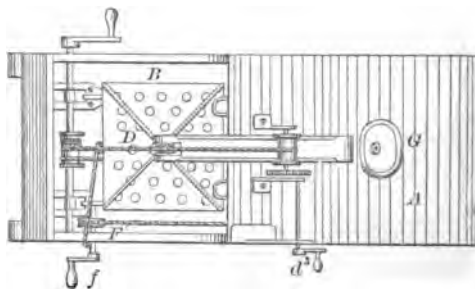
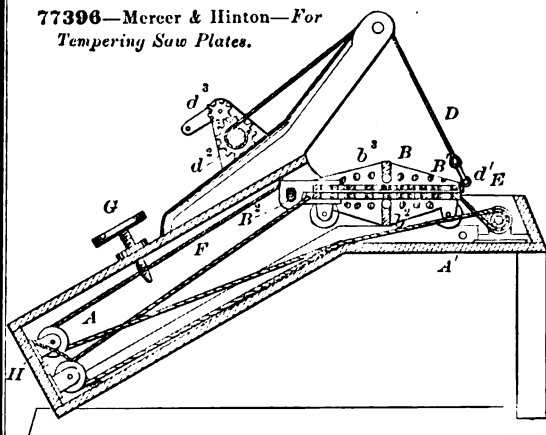
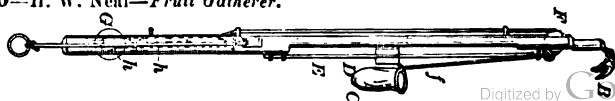
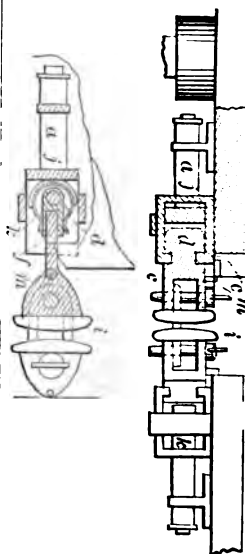
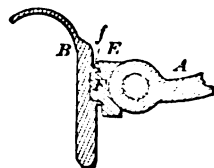


77392—W. McKee—Signal Box.

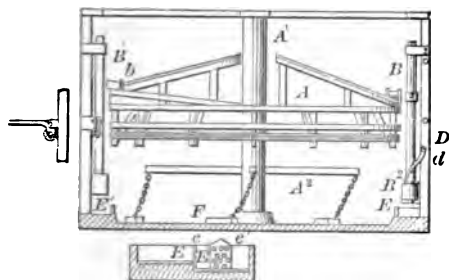


77393—T. McLaughlin—
Nipple Shield.

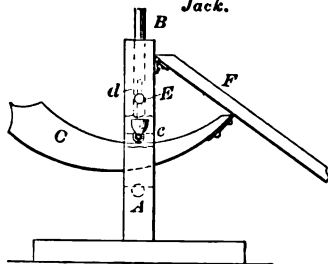


77394—G. Meader—*Corn Harvester.***77395**—J. J. D. Meincke—*Forward Gear for Carriages.***77396**—Mercer & Hinton—*For Tempering Saw Plates.***77400**—H. W. Neal—*Fruit Gatherer.***77398** T. M. Moore—*Car Coupling.***77399**—F. B. Morse—*Packing for Carriage Shackles.*

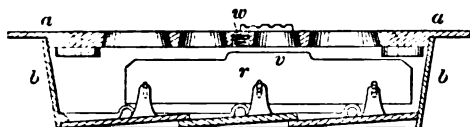
77401—P. M. Papin—Quartz Stamp Mill.



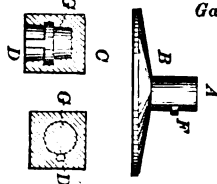
77406—Robertson & Collins—Lifting Jack.



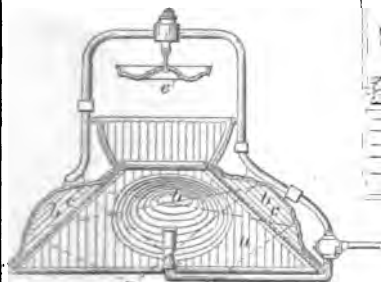
77403—H. M. Phinney—Register.



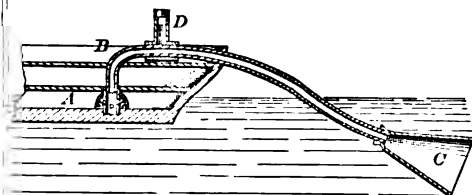
77405—H. Rexford—Canal Lock Gate Step.



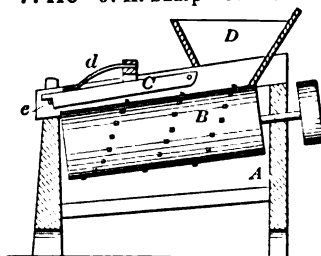
77408—Schmidlin & Driscoll—Reflector.



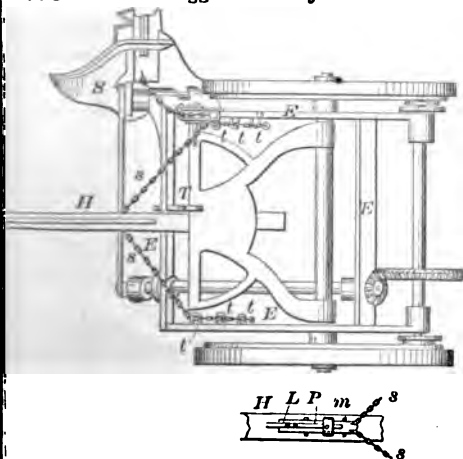
77402—P. Pardee—For Discharging Bilge Water.



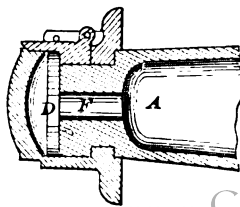
77410—J. H. Sharp—Corn Sheller.



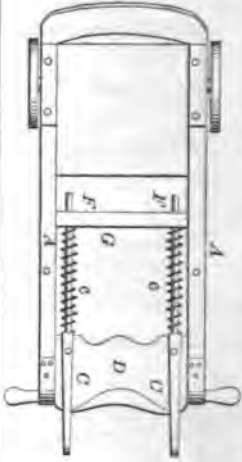
77407—H. J. Ruggles—Mowing Machine.



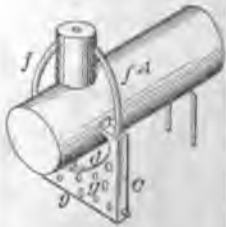
77411—J. R. Smith—Lock Nut for Axle and Skein Boxes.



77412—Q. & J. Smoker—Hand Truck and Sock Holders.



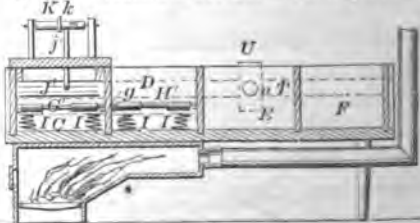
77414—J. Sutcliffe—Steam Generator.



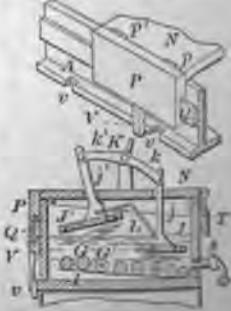
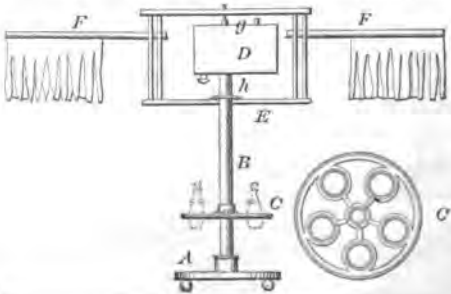
77416—E. J. Toof—Comb Cleaner.



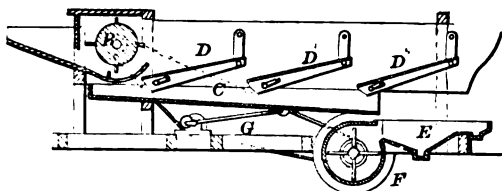
77413—Stanford & Seoville—Washing Machine.



77415—Tillman & Good—Table Fan and Caster Stand.



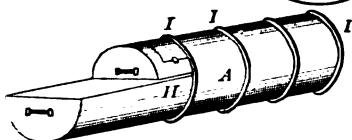
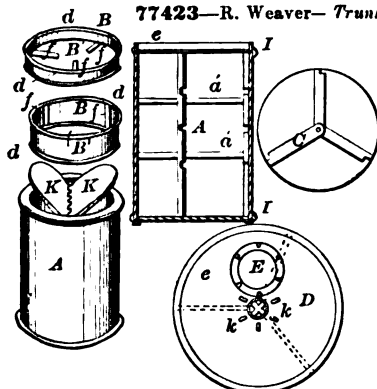
77419—J. S. Upton—Grain Separator.



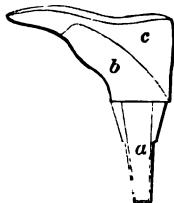
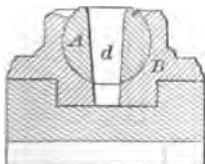
77421—H. S. Walcott—
Boot and Shoe Stud.



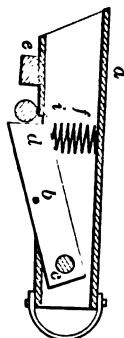
77423—R. Weaver—Trunk.



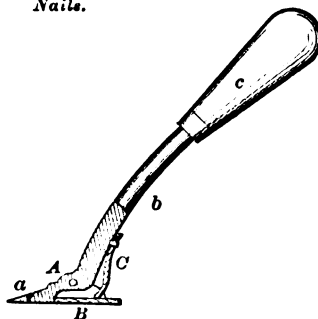
77425—G. M. Wells—
Last Holder or Jack.



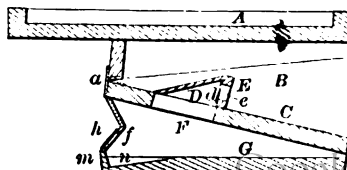
77426—R. C. Whitehouse—Claw.



77427—E. P. Whitney—For Drawing
Nails.



77428—A. W. Wilcox—Bellows
for Reed Musical Instruments.



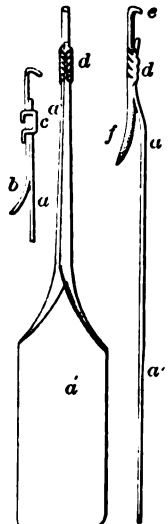
77429—G. D. Wilcox—Mucilage Brush.

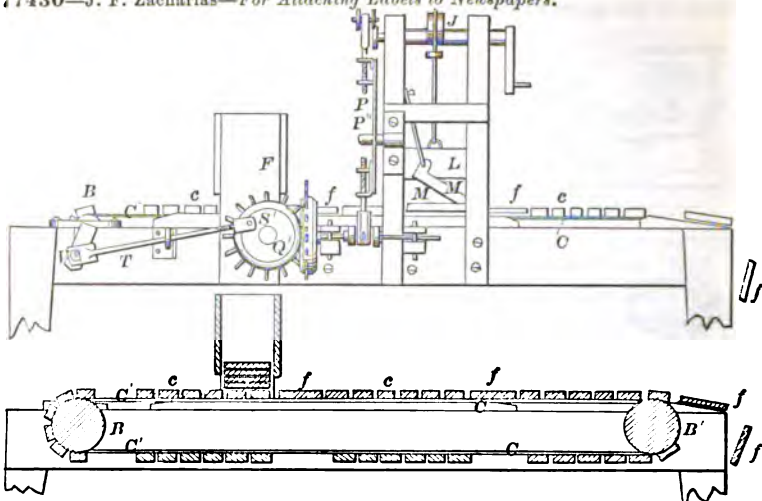
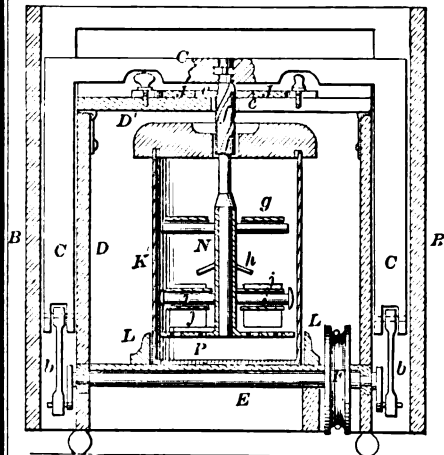
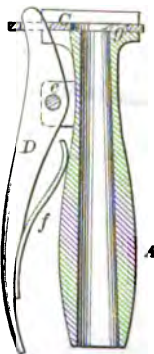
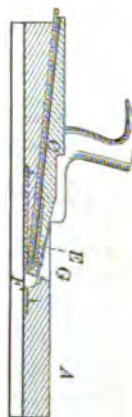
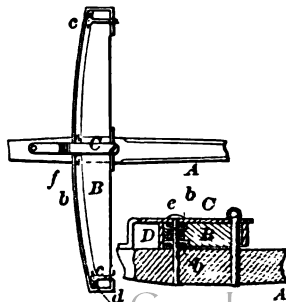
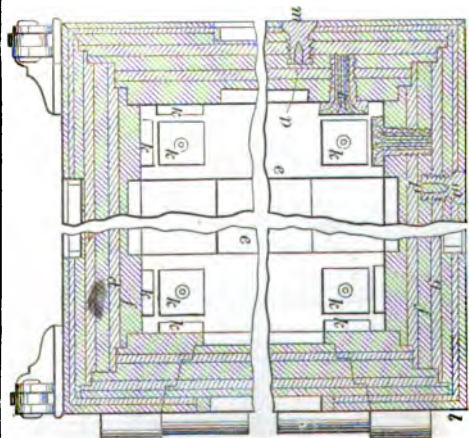


77422—A. Warth—Pen Holder.

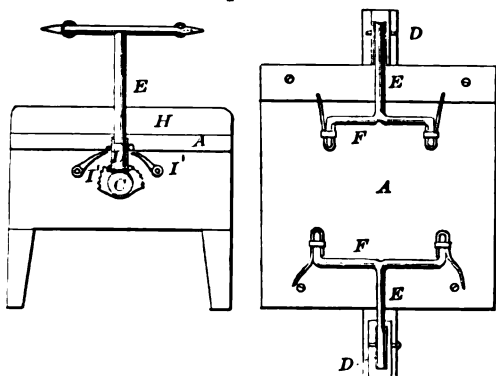


77424—W. N. Wooden—Tug Fastening.

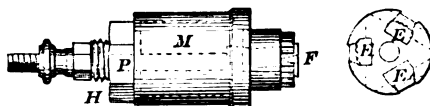


77430—J. F. Zacharias—*For Attaching Labels to Newspapers.*77431—C. H. Elliott—*Churn.*77436—D. Aldrich—*Cue Trimmer.*77434—D. E. & A. A. Aikin—*Spline Plane.*77433—M. Adsit—*Draught Attachment.*77432—O. Marland—*Construction of Sufes.*

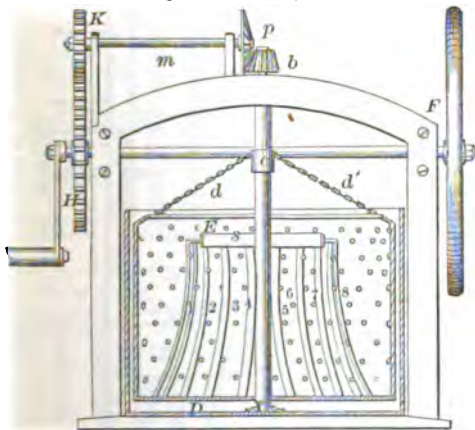
77435—C. Albert—Sheep Holder.



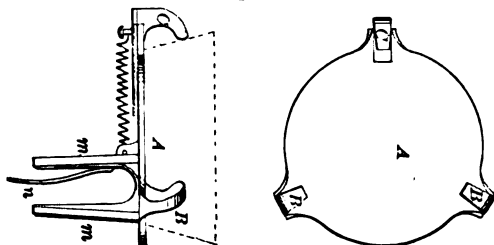
77437—A. F. Allen—Thimble Puller.



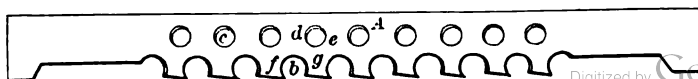
77440—C. Bango—Clothes Dryer.



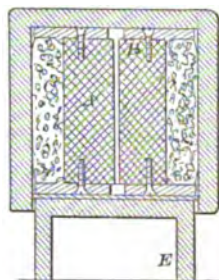
77442—J. D. Blake—Soap Stand.



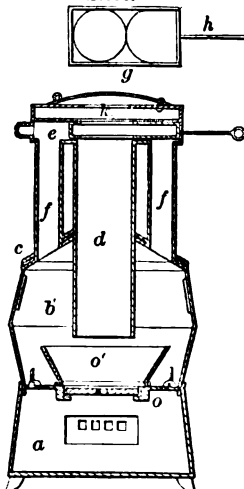
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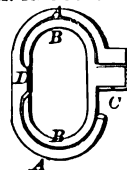
77438—O. E. Allen—Car Spring.



77444—W. S. Bronson—Stove.



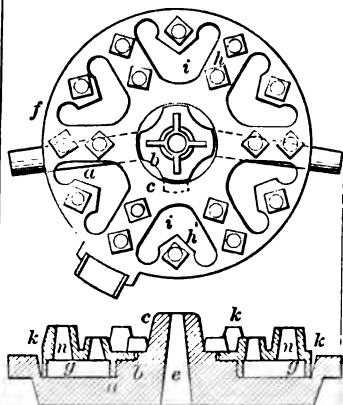
77441—A. H. Bixler—Open Ring.



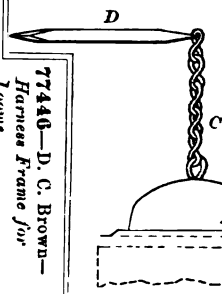
77443—E. Bredt—Button.



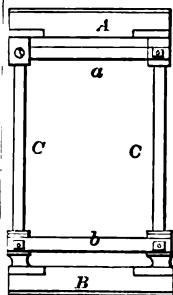
77445—W. S. Bronson—Grate.



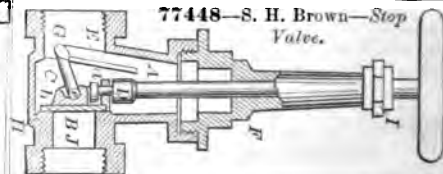
77447—F. W. Brown—For Soldering the Lids of Cans.



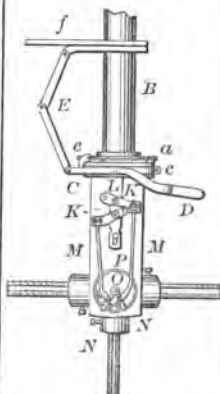
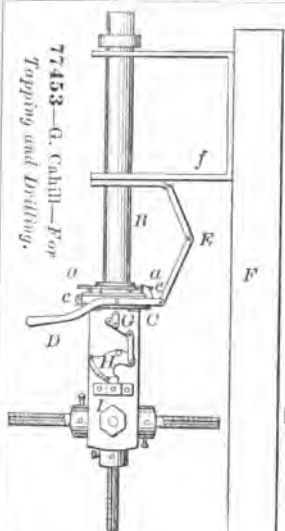
77446—D. C. Brown—Harness Frame for Looms.



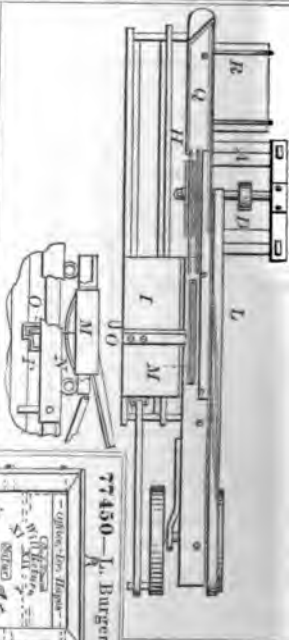
77448—S. H. Brown—Stop Valve.



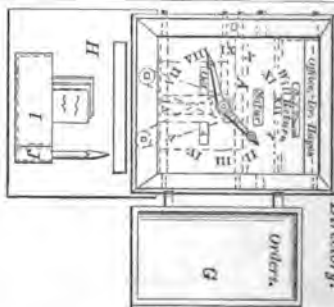
77453—G. Cahm—For Tapping and Drilling.



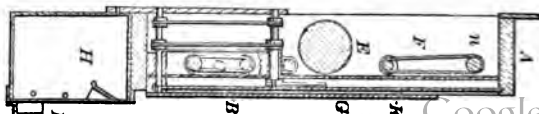
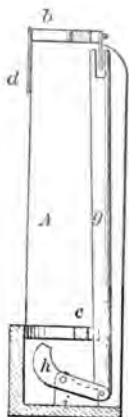
77440—T. Bruno—For Sawing Lath.



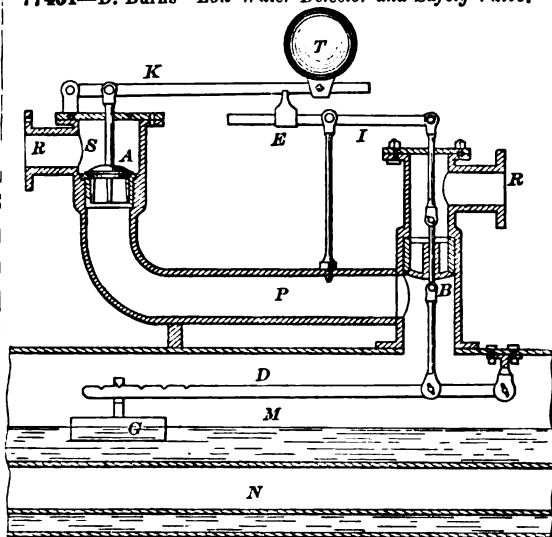
77450—J. Burger—Door Directory.



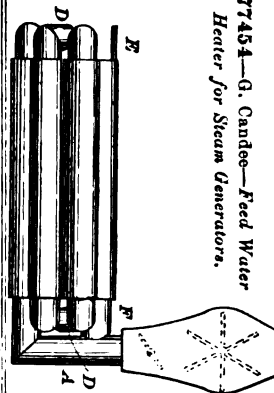
77452—V. H. Buschmann—Billiard Cue Rack.



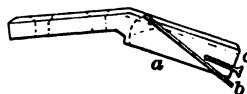
77451—D. Burns—Low Water Detector and Safety Valve.



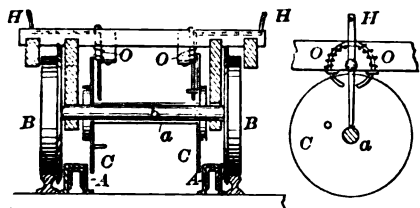
77454—G. Candee—Feed Water Heater for Steam Generators.



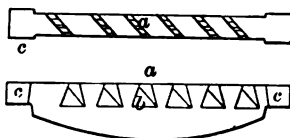
77455—C. P. Carter—For Sharpening Watch Wood.



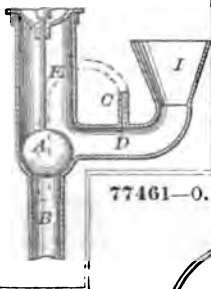
77456—Christian & Gunn—Railroad.



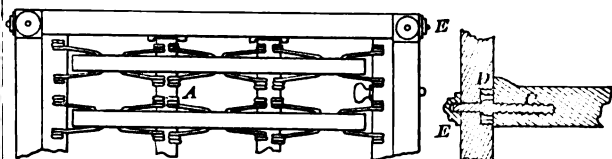
77458—H. Collinson—Grate Bar.



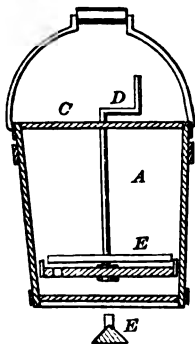
77459—G. Conron—Water Closet.



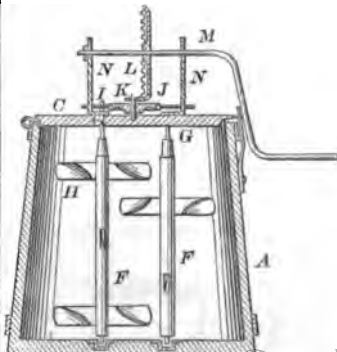
77457—J. C. Clime—Bedstead Fastener.



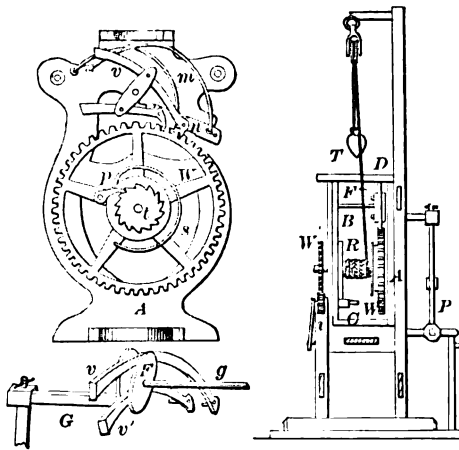
77461—O. H. Cooke—Potato Washer.



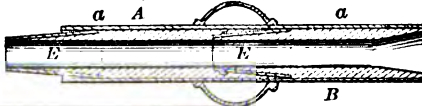
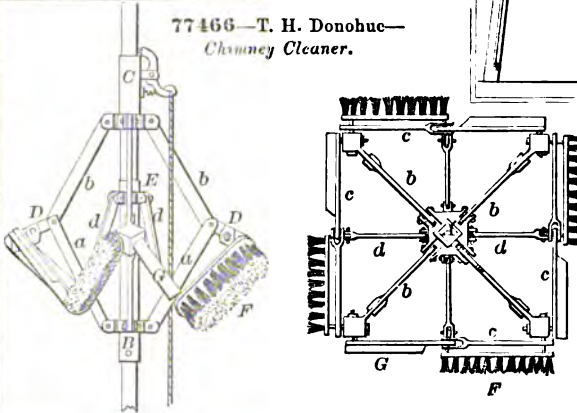
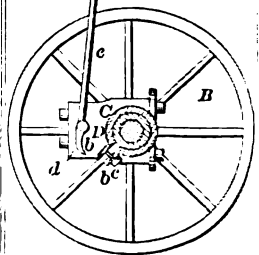
77460—A. L. Converse—Churn.



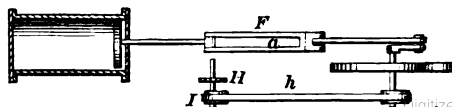
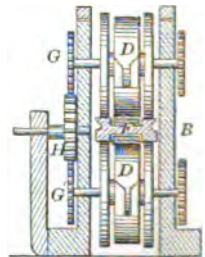
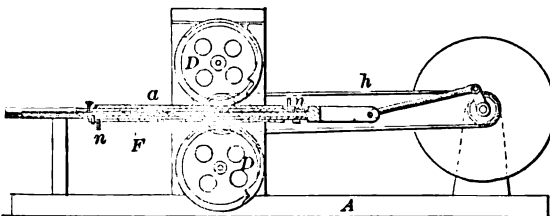
77462—A. B. Corby—Churn.



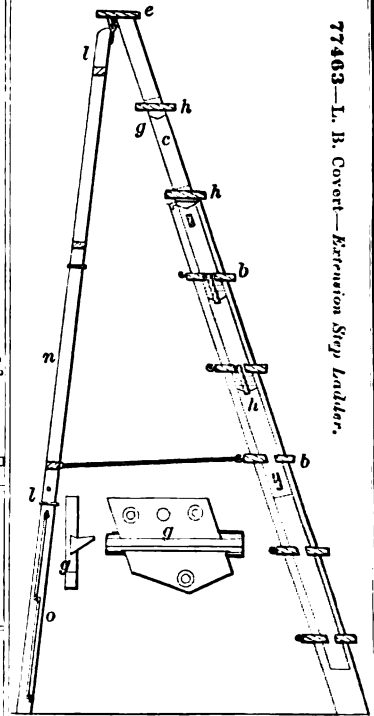
77465—E. Dayton—Cement Water Pipe.

77466—T. H. Donohue—
Chimney Cleaner.77467—C. Ducreux—
Wagon Brake.

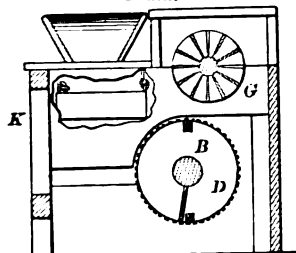
77464—J. P. Davis—Mechanical Movement.



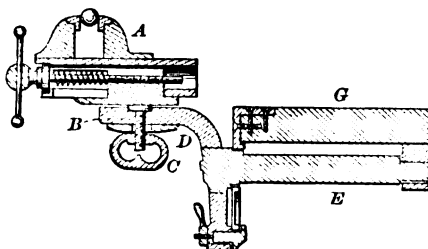
77463—L. B. Covert—Extension Step Ladder.



77468—M. Eckley—For Cleaning Grain.



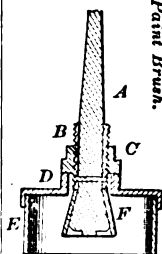
77472—I. Fisher—Vise.



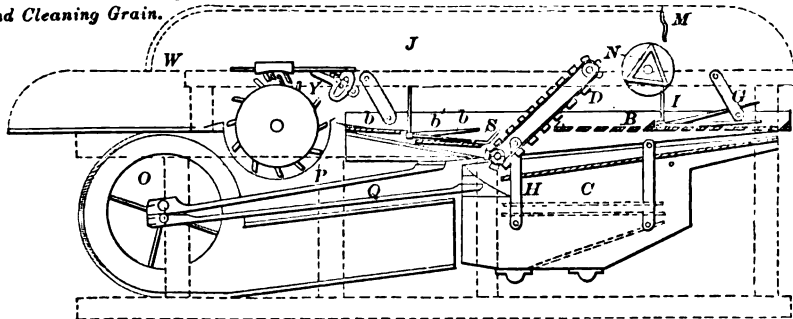
77473—W. A. Flanders—Behive.



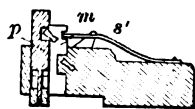
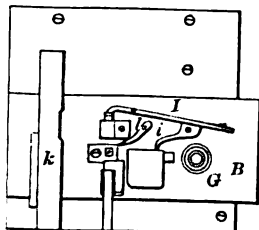
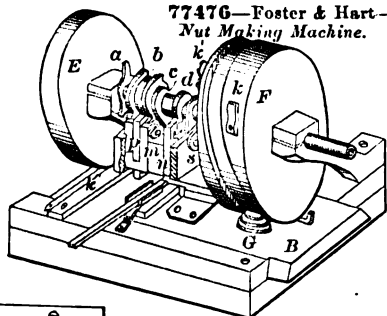
77475—W. H. Forker—Point Brush.



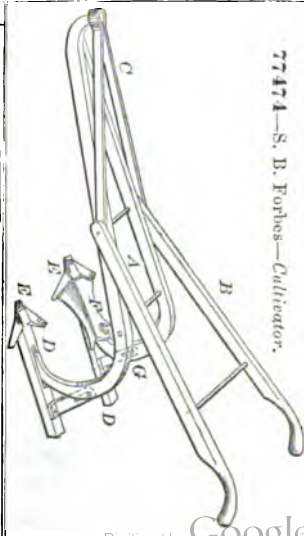
77471—W. B. Emery—For Threshing and Cleaning Grain.



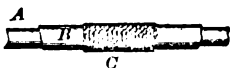
77476—Foster & Hart—Nut Making Machine.



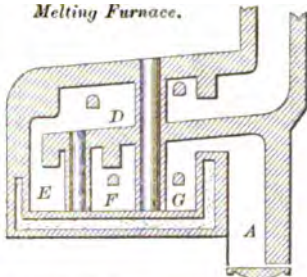
77474—S. B. Forbes—Collector.



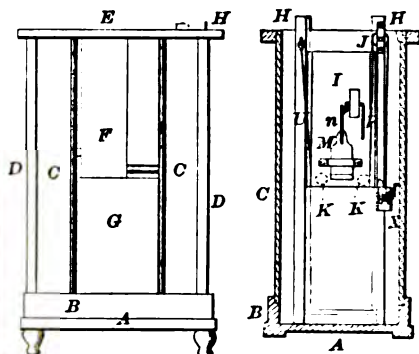
77477—J. R. Gillett—Whip.



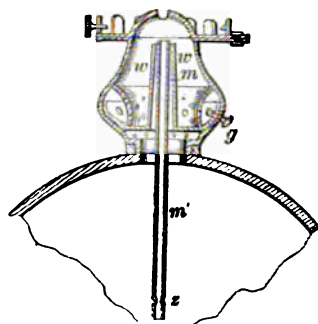
77479—L. B. Goodhue—Glass Melting Furnace.



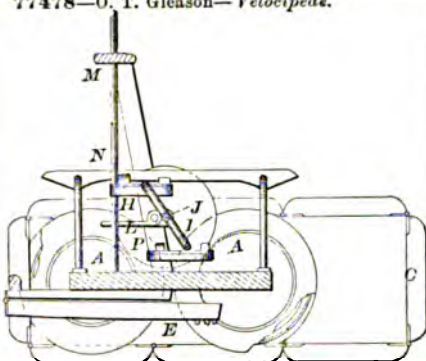
77480—J. Gourlay—Portable Bath House.



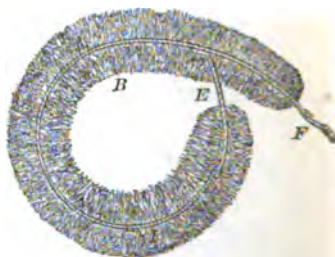
77481—Gracie & Boyd—Lamp Burner.



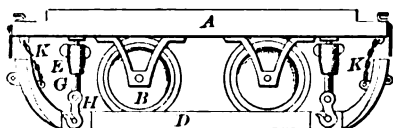
77478—O. T. Gleason—Velocipede.



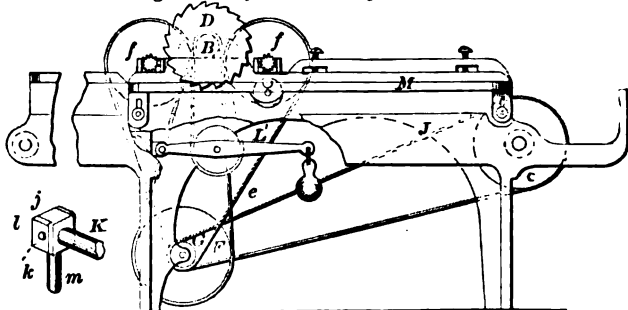
77483—E. H. Hart—Fur Cuff.



77485—J. J. Herrick—Street Car.

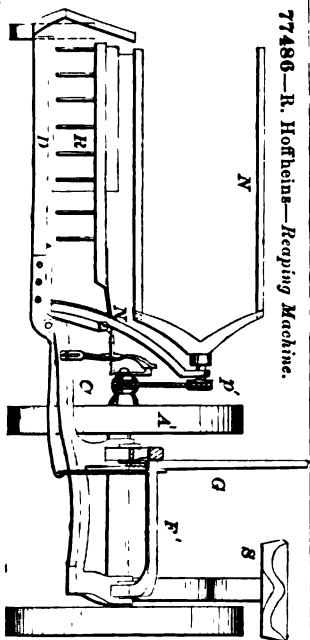


77484—Hodges & Story—For Sawing Lath.

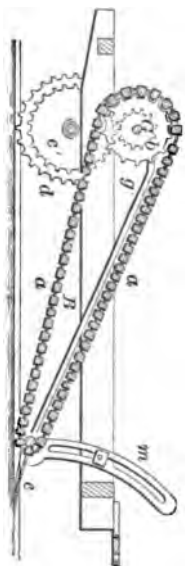


77482—H. S. Griffiths—Suspension Ring.



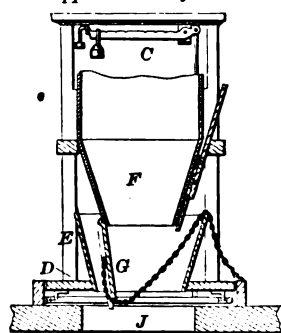


77486—R. Hoffmeier—Reaping Machine.

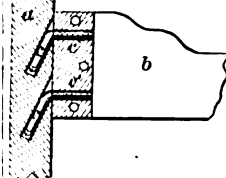


77487—Howard & Avery—Ditching and Grading Machine.

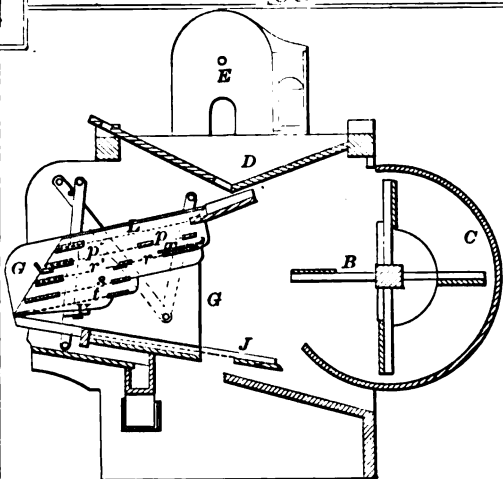
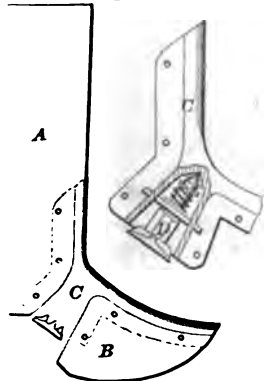
77488—F. E. & L. I. Howe—Hopper and Platform Scales.



77491—J. C. & F. J. Jackson—Bedstead Fastening.

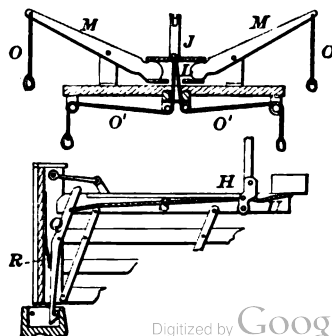
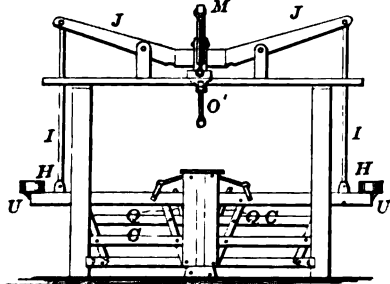


77489—J. Howe—Boot Form.

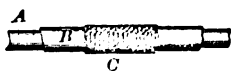


77490—S. S. Harbut—Grain Separator.

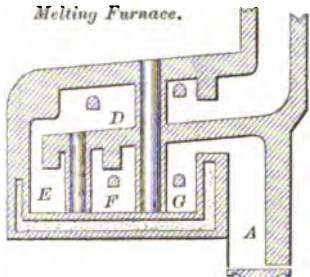
77492—J. S. Jewett—Fence Gate.



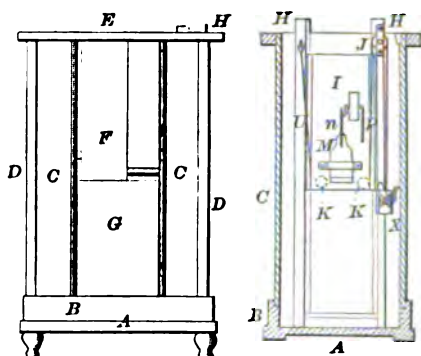
77477—J. R. Gillett—Whip.



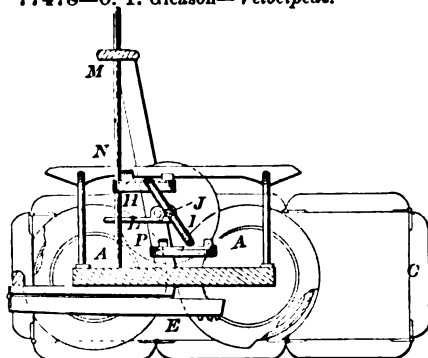
77479—L. B. Goodhue—Glass Melting Furnace.



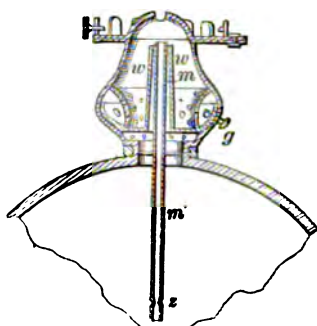
77480—J. Gourlay—Portable Bath House.



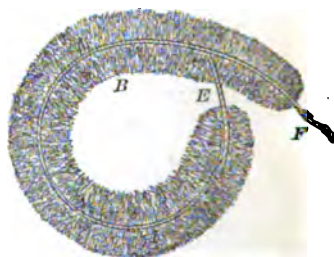
77478—O. T. Gleason—Velocipede.



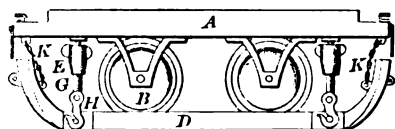
77481—Gracie & Boyd—Lamp Burner.



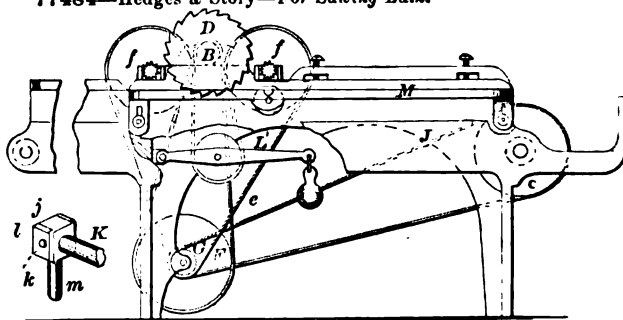
77483—E. H. Hart—Fur Cuff.



77485—J. J. Herrick—Street Car.

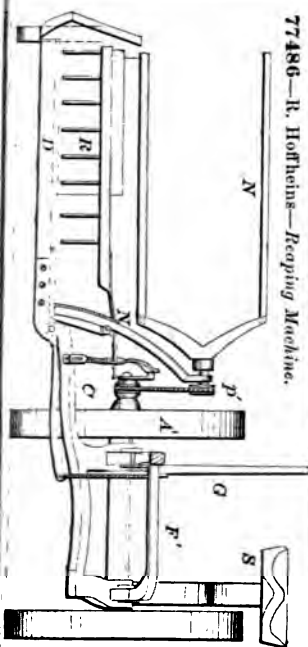


77484—Hedges & Story—For Sawing Lath.

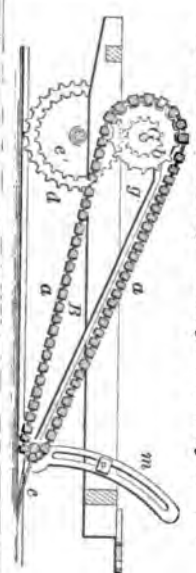


77482—H. S. Griffiths—Suspension Ring.



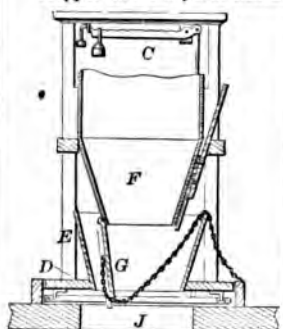


77486—R. Hoffheims—Reaping Machine.

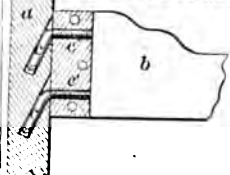


77487—Howard & Avery—Ditching and Grading Machine.

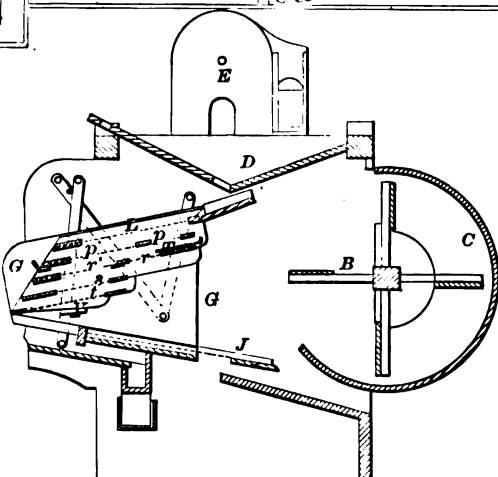
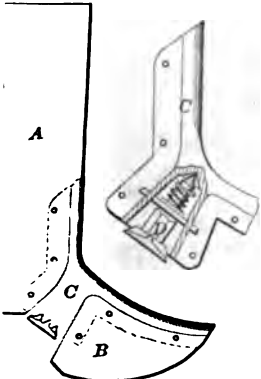
77488—F. E. & L. I. Howe—Hopper and Platform Scales.



77491—J. C. & F. J. Jackson—Bedstead Fastening.

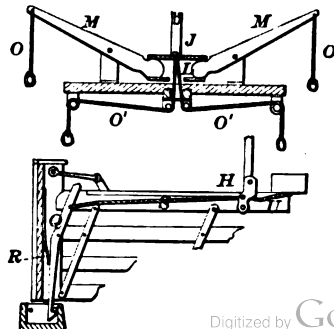
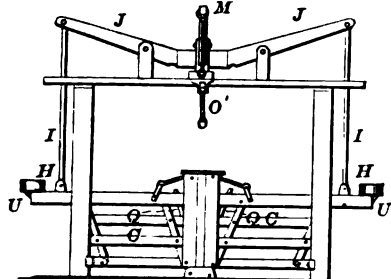


77489—J. Howe—Boot Form.

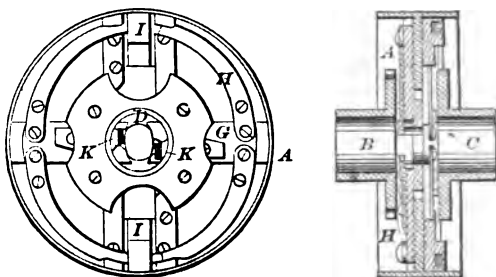


77490—S. S. Hurlbut—Grain Separator.

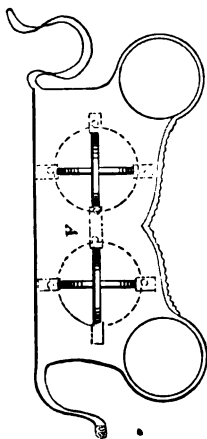
77492—J. S. Jewett—Fence Gate.



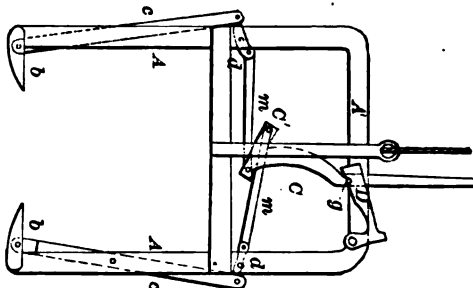
77495—S. U. King—Wood Turning Lathe.



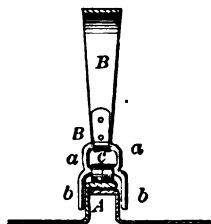
77493—A. H. Johnson—Pawm Pad.



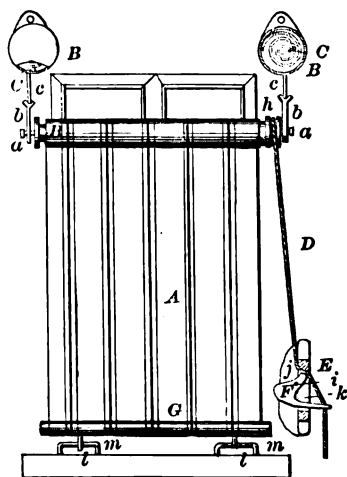
77496—H. Kraft—Horse Hay Fork.



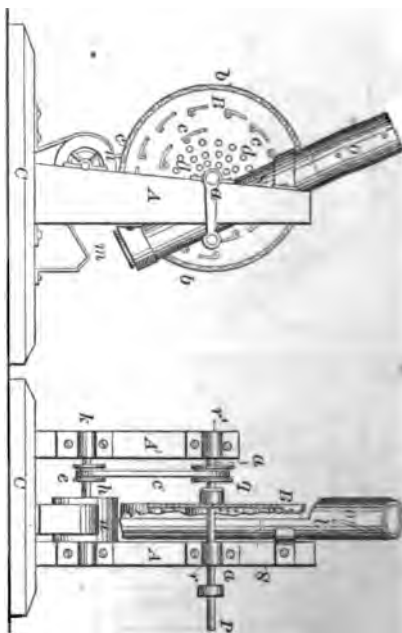
77497—J. Lagowitz—Traveling Bag.



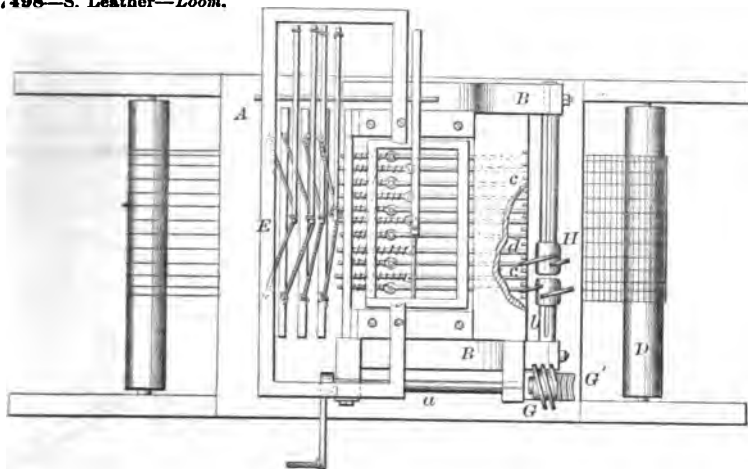
77499—J. D. & I. W. Legg—Curtain Fixture.



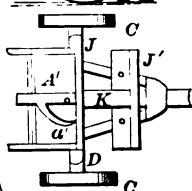
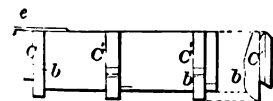
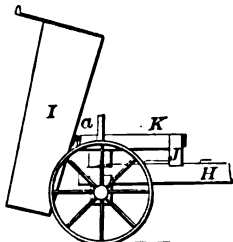
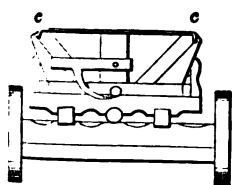
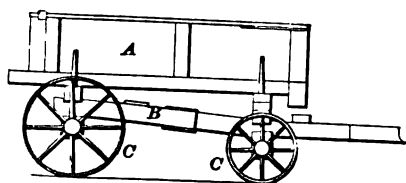
77494—M. Jones—Corn Husker, Sheller, &c.



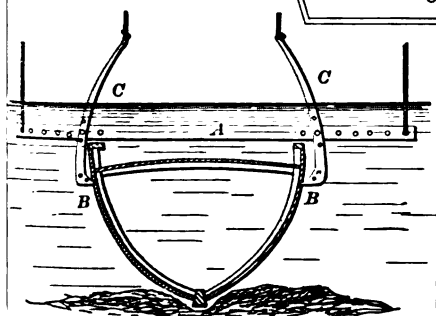
77498—S. Leather—Loom.



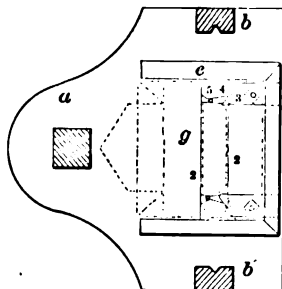
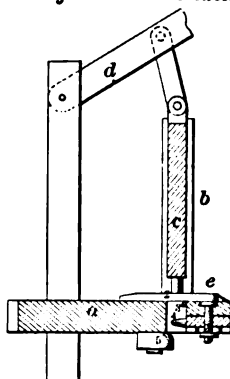
77500—C. Mahan—Farm Wagon.



77501—J. T. Martin—Grapple for Sunken Vessels.



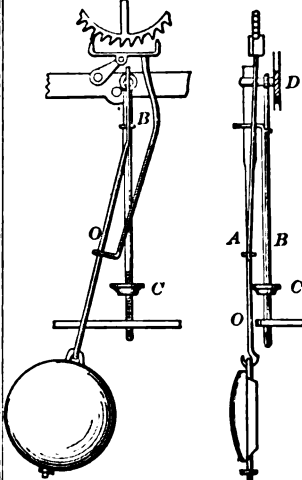
77502—C. O. Maxfield—For Forming Pasteboard Boxes.



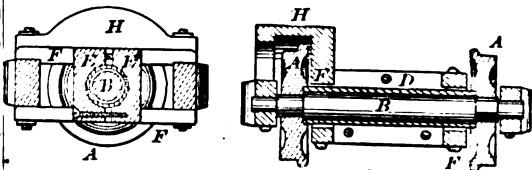
77503—J. McCarthy—Pipe Coupling.



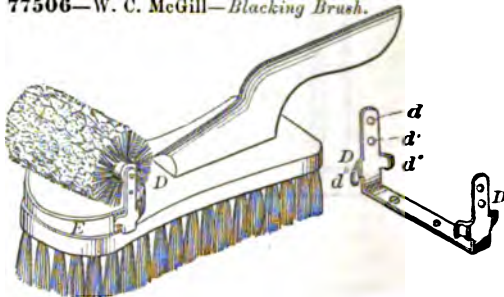
77504—O. P. McDonald—*For Pendulum Clocks.*



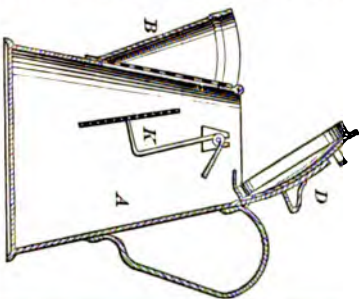
77505—D. McFarland—*Railroad Truck.*



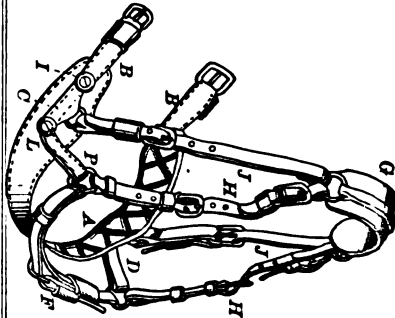
77506—W. C. McGill—*Blacking Brush.*



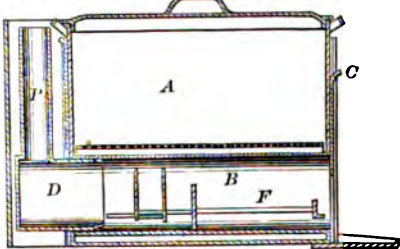
77507—S. McGuffin—*Coffee and Tea Pot.*



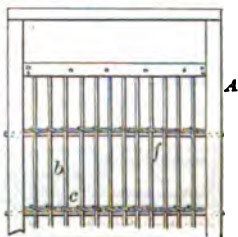
77508—McMullen & Rock—*Harness.*



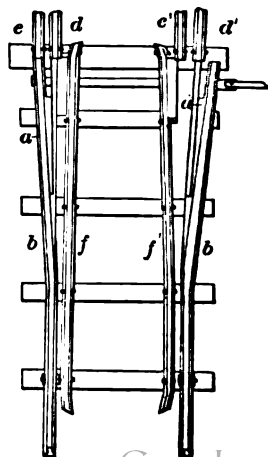
77511—J. C. Merrell—*Wash Boiler.*



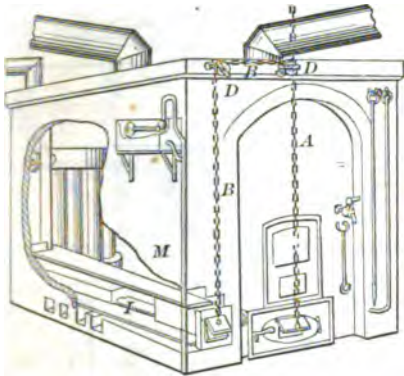
77509—R. McMurray—*Sand Screen.*



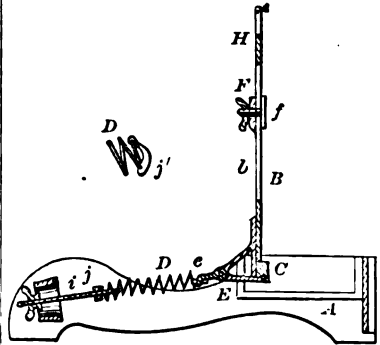
77510—E. Mercier—*Railroad Switch.*



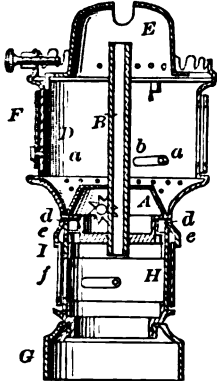
77512—A. H. Mershon—*Damper for Hot Air Furnaces.*



77513—H. F. Metzler—*Spring Horse.*



77514—Miles & Remsen—*Lamp Burner.*



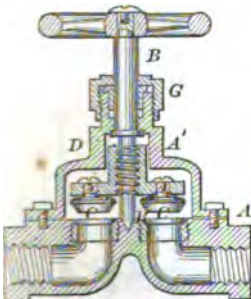
77515—G. L. Miller—*Trace Hook.*



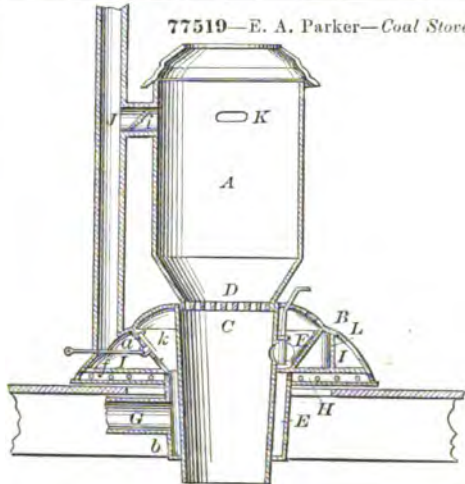
77516—S. P. P. Miller—*Basket.*



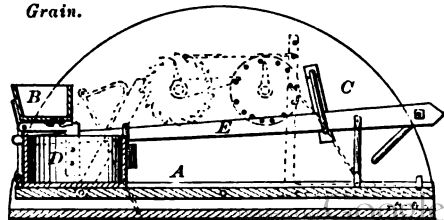
77517—Moore & Howes—*Steam Globe Valve.*



77519—E. A. Parker—*Coal Store.*



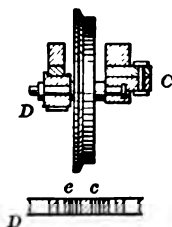
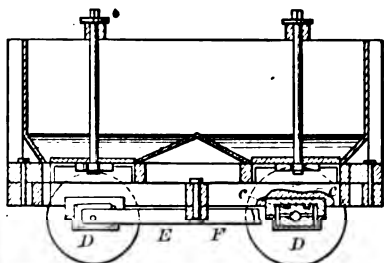
77521—W. H. Pfrimmer—*Measuring and Registering Grain.*



77518—J. Moulton—*Manufacture of Elastic Rolls.*



77520—J. R. & D. W. Perry—*Railroad Car Truck.*



77527—O. H. Reed—*Guide Gauge for Printing Presses.*

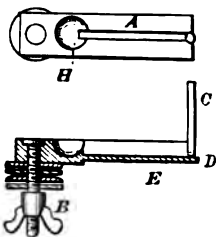


Fig. 6

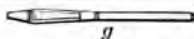
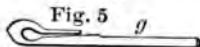
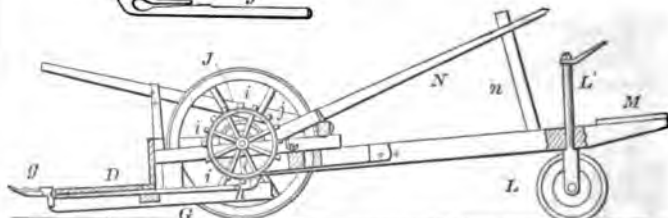


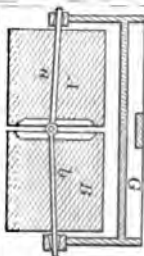
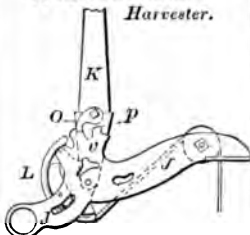
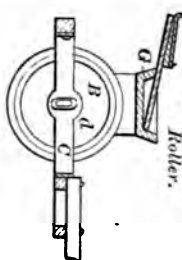
Fig. 5



77524—J. Ramsey—*Harvester.*



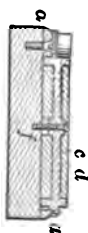
77525—A. Rank—
[] *Harvester.*

77523—D. K. Prindle—*Kield*

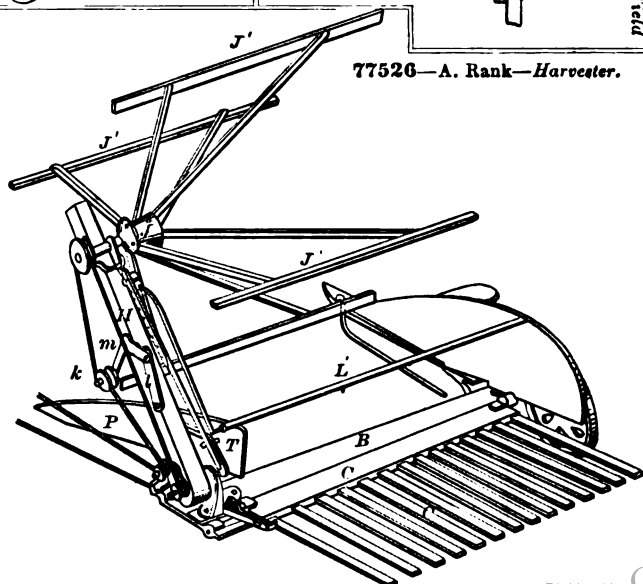
77522—F. A. Potter—Tool Holder.



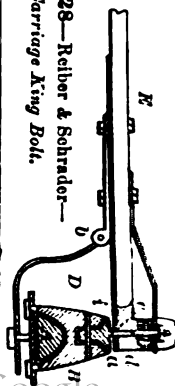
**77520—F. Richardson—
Boat Hcl.**

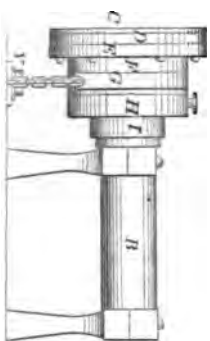


77526—A. Rank—Harvester.

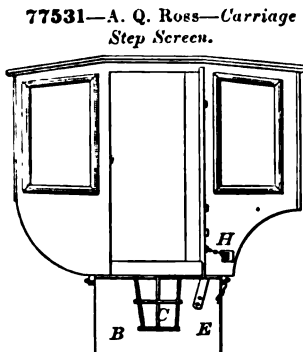


77528—Reiber & Sohn
Carriage King Bolt.



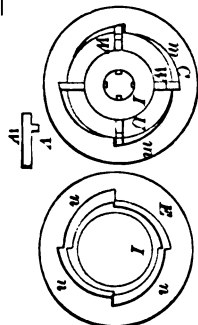
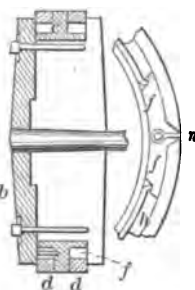


77530—J. H. Richardson—Screw Cutting Machine.

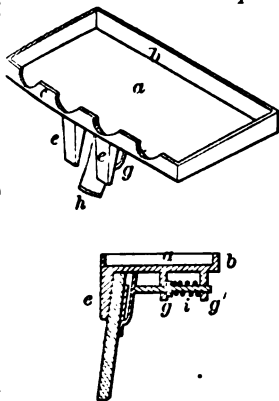


77531—A. Q. Ross—Carriage Step Screen.

77533—F. J. Roth—Piston Packing.

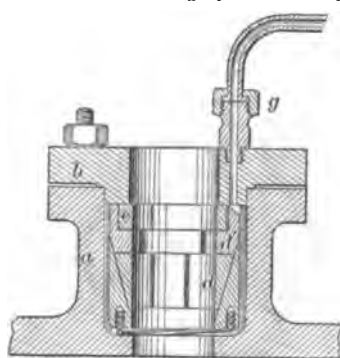


77536—M. Safford—Soap Holder.

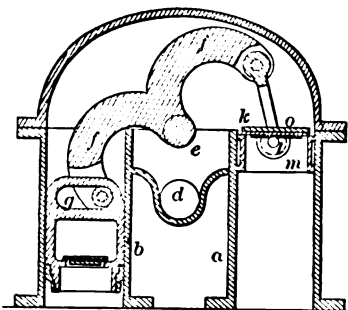


77532—F. J. Roth—Piston Packing.

77534—F. J. Roth—Stuffing Box Packing.



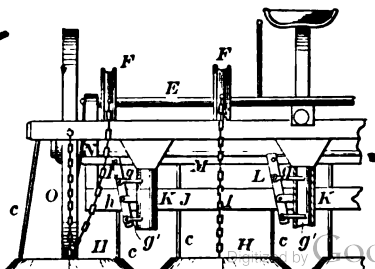
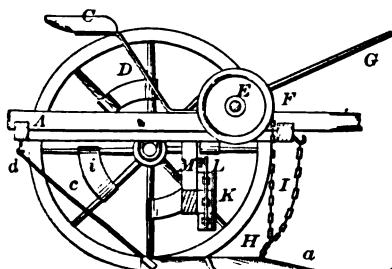
77538—O. Salgee—Pump Piston.



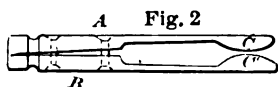
77530—Schweyenell & Rombert—For Treating Piles.



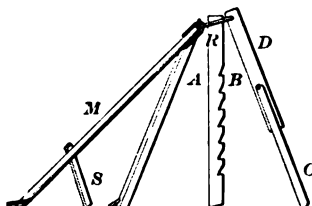
77535—C. Rubbles—Planter and Cultivator.



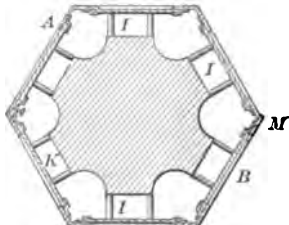
77540—E. Seaver—Clothes Pin.



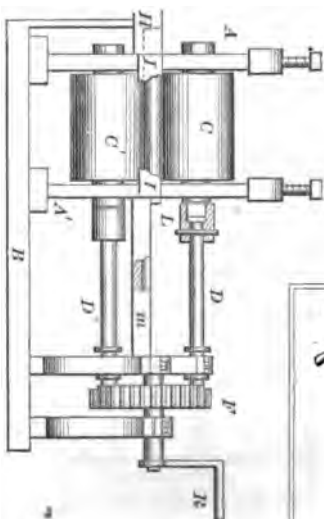
77541—J. Sheldon—Derrick.



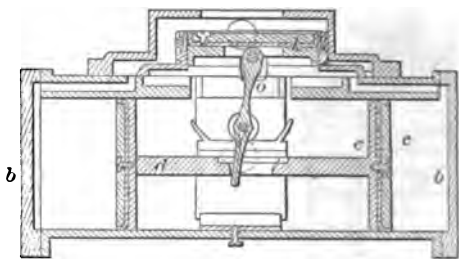
77545—J. Sonnedecker—Advertising Frame.



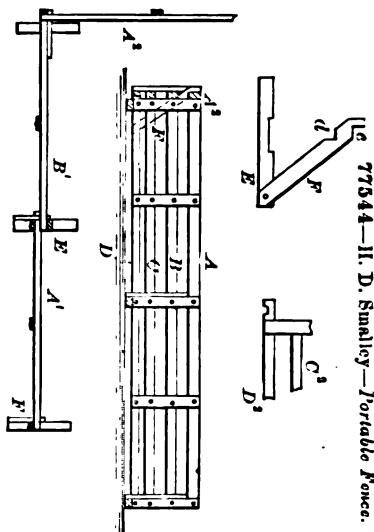
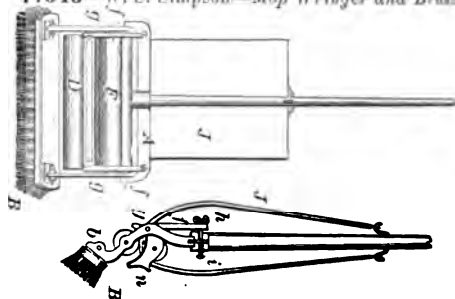
77546—J. Stackhouse—Polishing Machine.



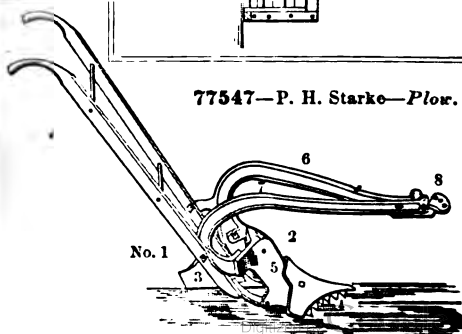
77542—G. Sickels—Water Meter.



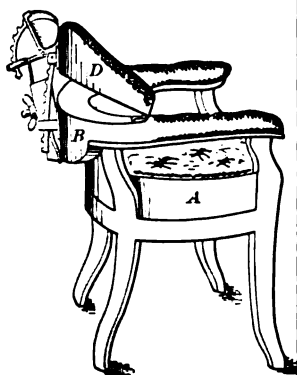
77543—W. S. Simpson—Mop Wringer and Brush.



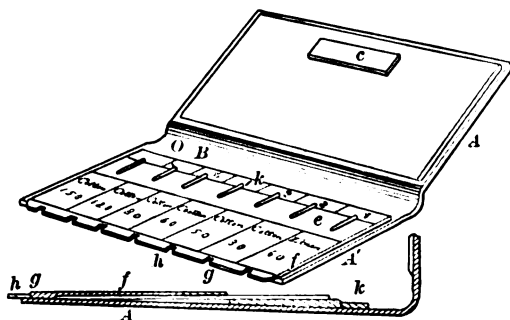
77547—P. H. Starko—Plow.



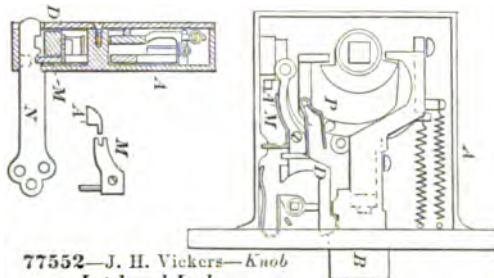
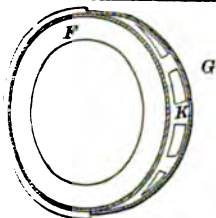
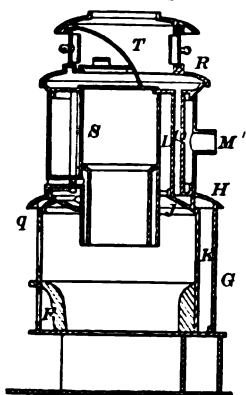
77548—J. & J. Stock—Chair.



77551—J. F. Umpleby—Needle Book.

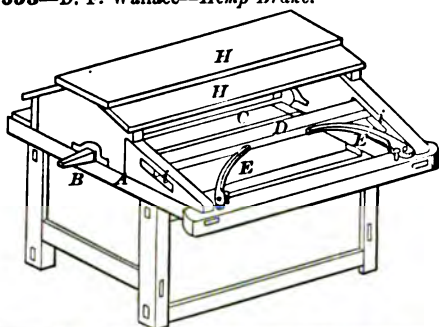


77549—Stuart & Bridge—Stove.

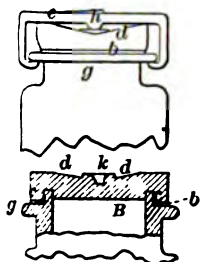


77552—J. H. Vickers—Knob
Latch and Lock.

77553—D. F. Wallace—Hemp Brake.



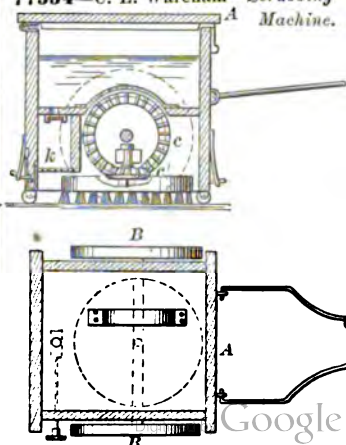
77555—J. Weidig—Fruit
Jar.



77550—C. H. Thurston—Attaching
Knobs to Screws.



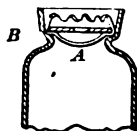
77554—C. E. Wareham—Scrubbing
Machine.



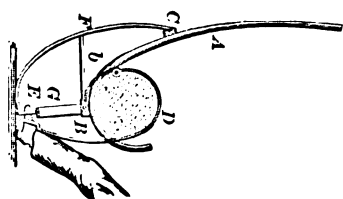
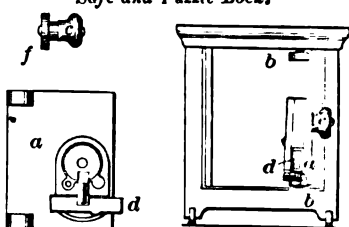


77556—M. M. Wells—Grain Rake.

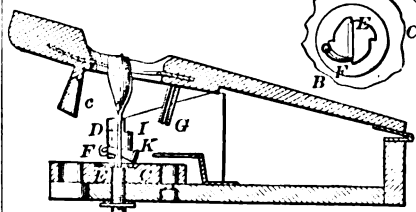
77559—Worcester & Brown—Fruit Jar.



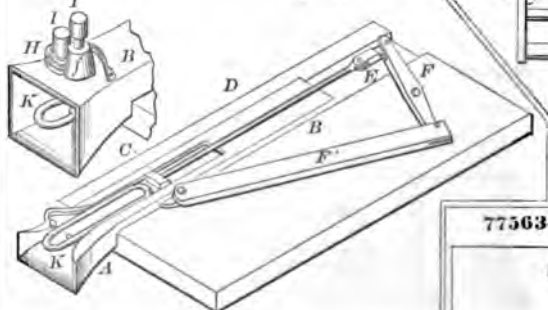
77560—A. & G. F. Wright—Toy Safe and Puzzle Lock.



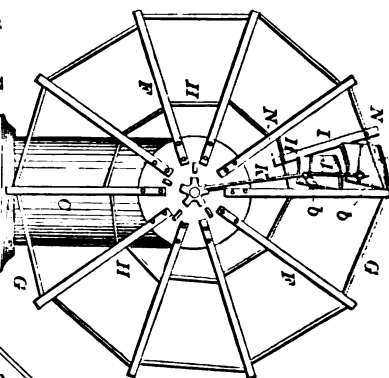
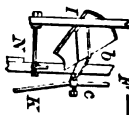
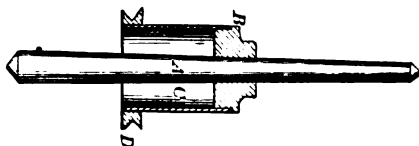
77501—R. Wright—Cherry Stoner.



77558—N. Whitten—Car Coupling.

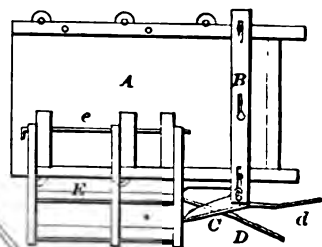


77566—E. Attwood—Spindle.

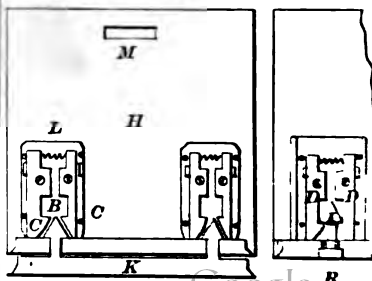


77687—J. A. Wheeler—Wind Mill.

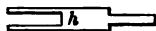
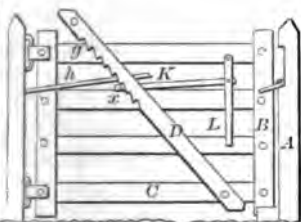
77502—P. C. Yost—Corn Harvester.



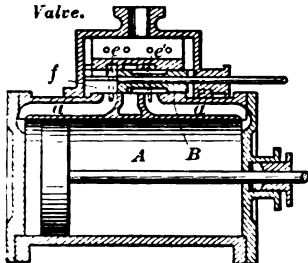
77563—A. W. Adams—Meter Safe.



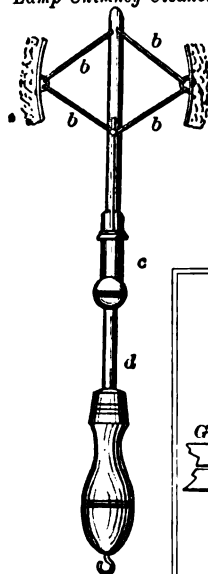
77564—J. Adams—Gate.



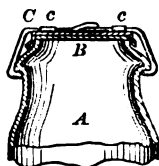
77569—J. S. Barden—Slide Valve.



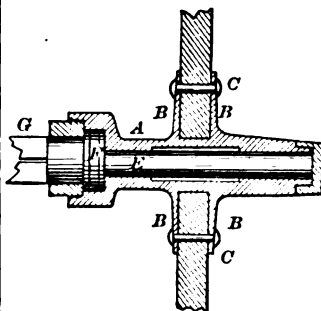
77567—L. J. Baker—Lamp Chimney Cleaner.



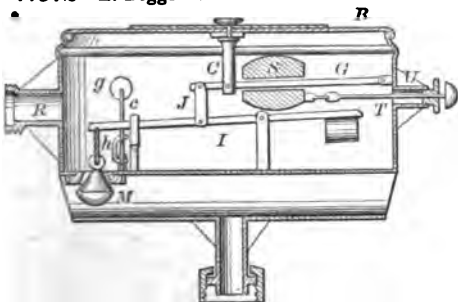
77570—T. E. Batterson—Fruit Jar.



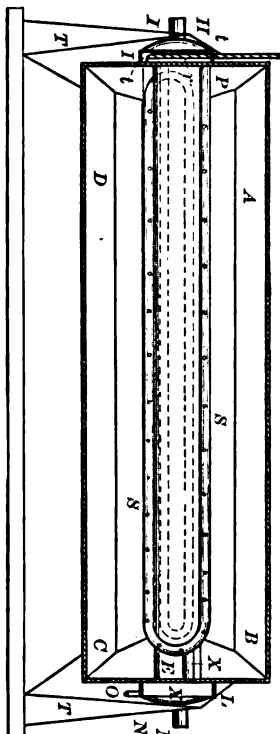
77568—W. W. Ball—Metal Hub.



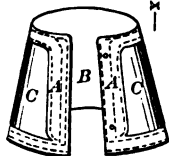
77572—E. Beggs—Gas Governor.



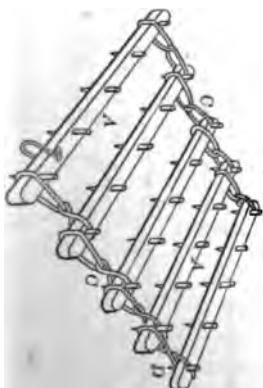
77571—H. J. Beckwith—For Cleaning Feathers.



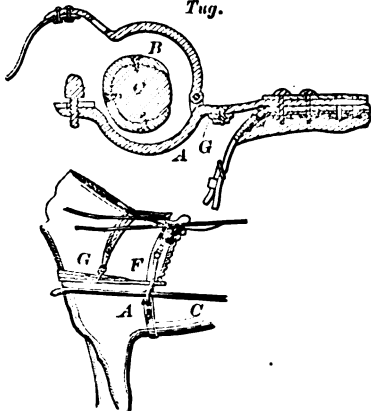
77573—Blakey & Fox—Collar and Cuff.



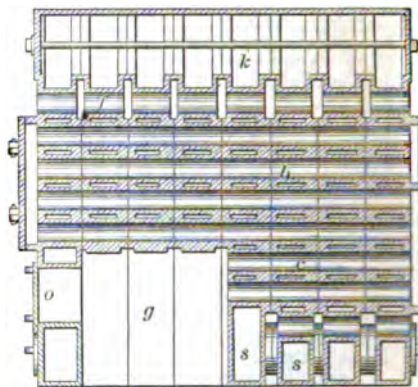
77574—C. D. Blum—Flexible Harrow.



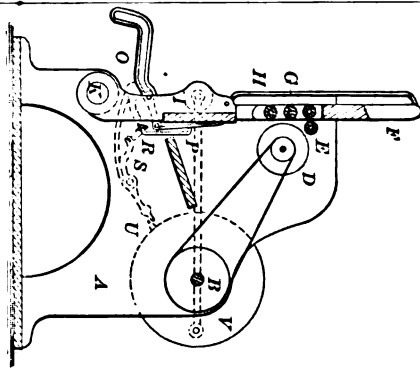
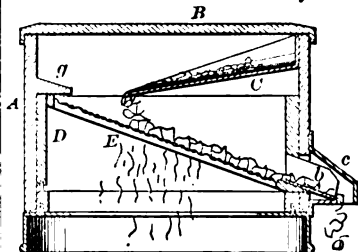
77575—H. Bowers—Draught and Shaft
Tug.



77576—J. Bradley—Boiler for Heating.

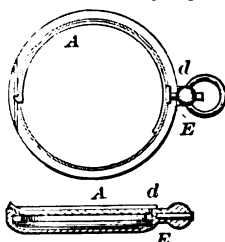


77578—C. Breasted—Barrel Sifter.

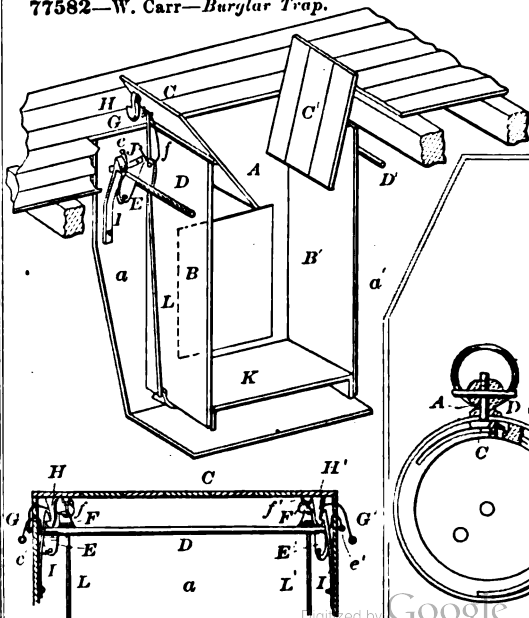


77577—W. Bradwood—Printing Press.

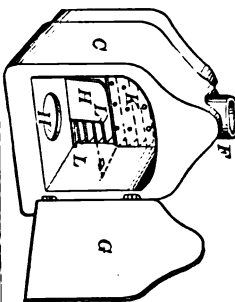
77579—E. H. Buckland—
Watch Case Spring.



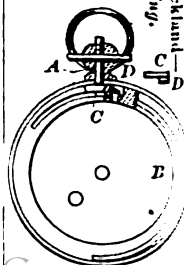
77582—W. Carr—Burglar Trap.



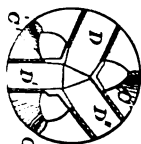
77581—E. Bussey—Oven.



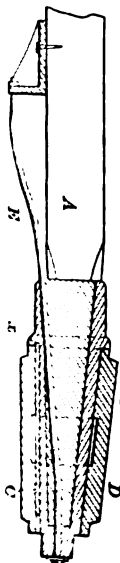
77580—E. H. Buckland—
Watch Case Spring.



77583—S. E. Clapp—Discut Cutter.



77585—G. E. Clarke—Stein and Arle Box.



77584—Clarke & Edson—Steam Engine Register.

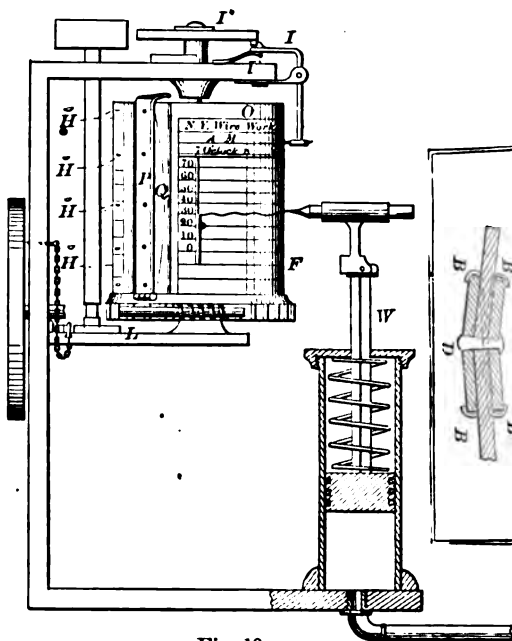
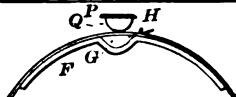
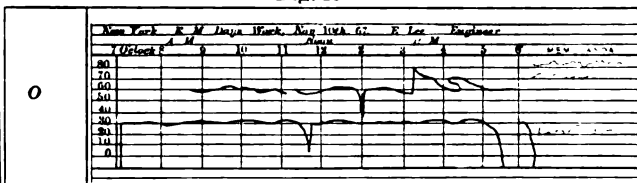
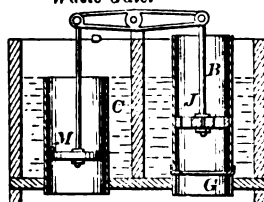


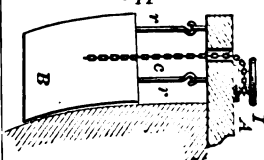
Fig. 10



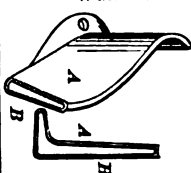
77586—J. R. Clarke—Waste Gate.



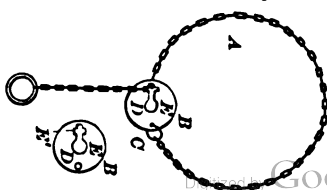
77590—W. H. Conway—Steering Apparatus.



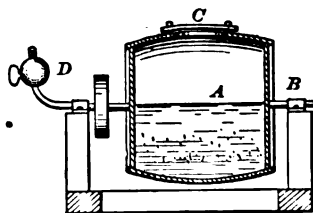
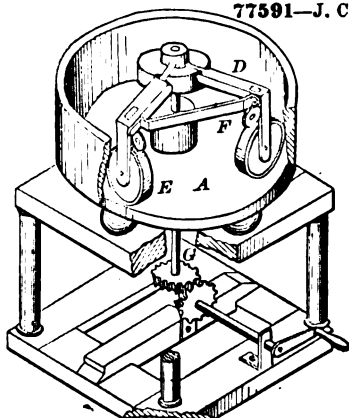
77588—J. P. Collins—Water Wheel.



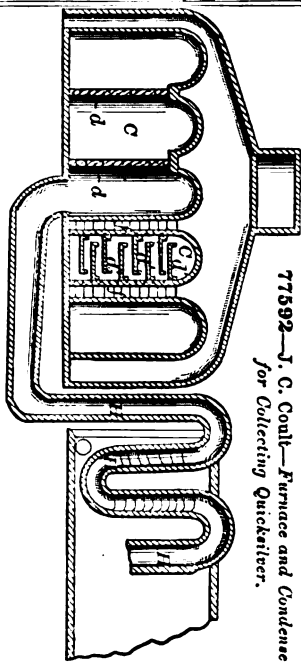
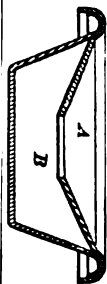
77587—L. H. Colburn—Bag Fastener.



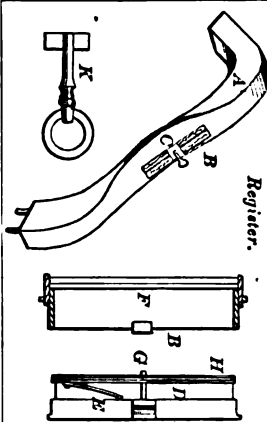
77591—J. Corson—Collecting Metals from Ores.



77594—F. E. Barrow—Spilloon.

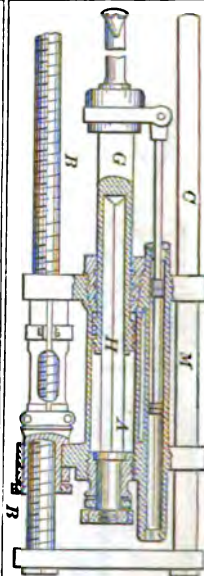
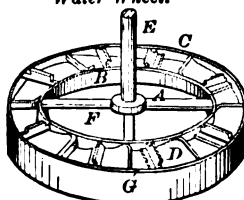


77592—J. C. Coult—Furnace and Condenser for Collecting Quicksilver.



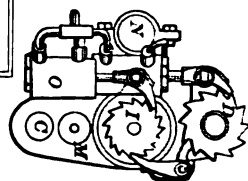
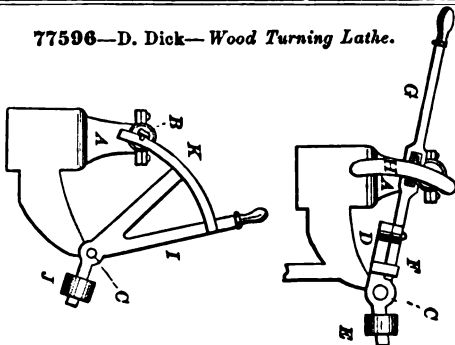
77593—S. F. Covington—Railroad Fire Register.

77595—Dewey & Fosdick—Water Wheel.

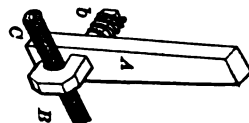


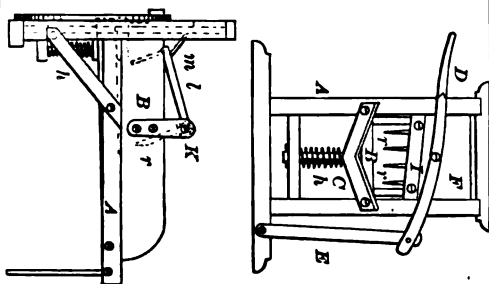
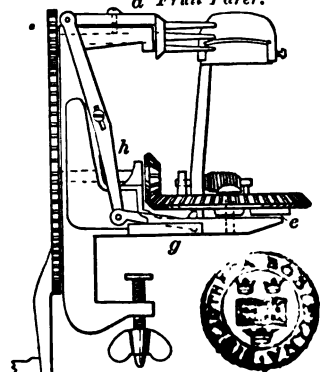
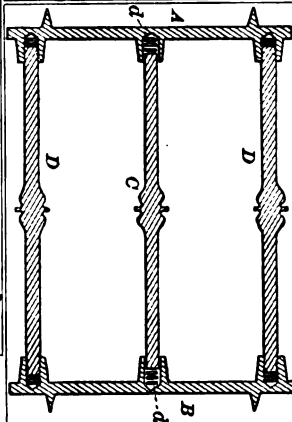
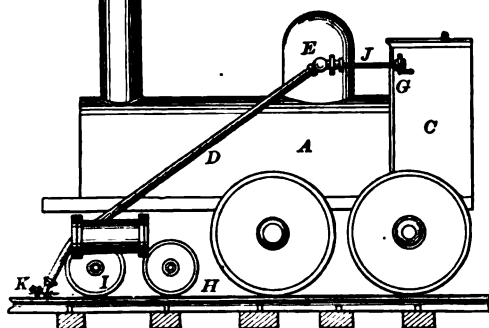
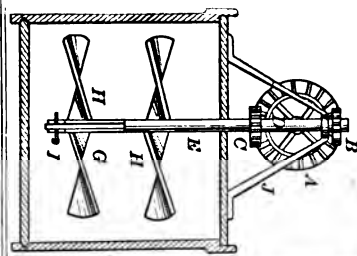
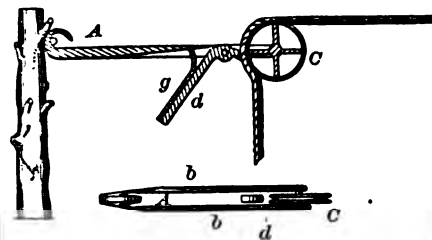
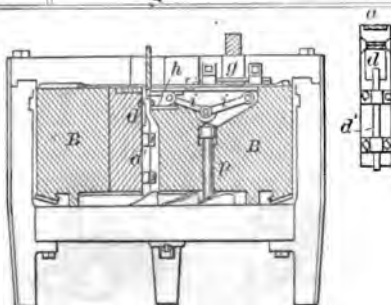
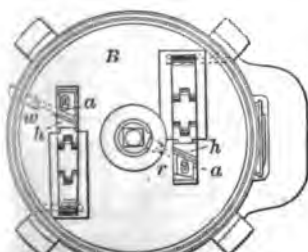
77597—F. H. Doering—Rock Drilling Machine.

77596—D. Dick—Wood Turning Lathe.

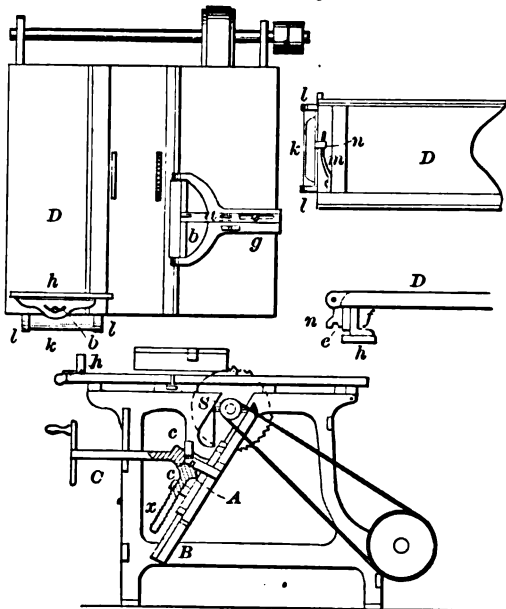


77598—W. M. Doty—Clothes Pin.

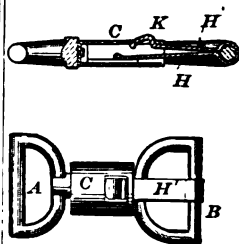


77599—G. A. Edwards—*Straw Cutter.*77600—Farewell & Goddard—*a Fruit Parer.*77602—G. P. Floyd—*Railroad Track Cleaner.*77603—J. F. Ford—*Window Sash Guard.*77605—E. H. Gray—*Clothes Line Hook.*77601—J. E. Finley—*Churn.*77604—R. C. Grant—*Nail Machine.*

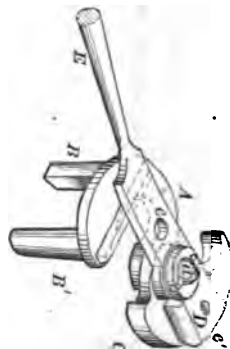
77606—J. B. Grosvenor—Sawing Machine.



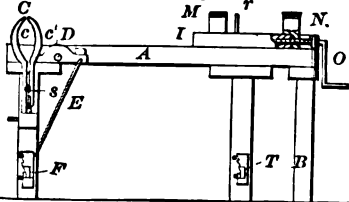
**77608—Hale & Hall—Rein
Shackle.**



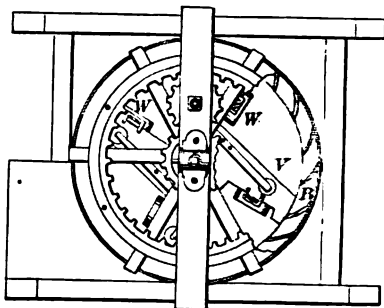
77010—E. A. Hall—Floor Clamps



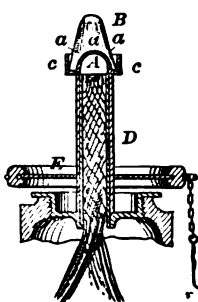
77607—Hahn & Vogler—*Bench.*



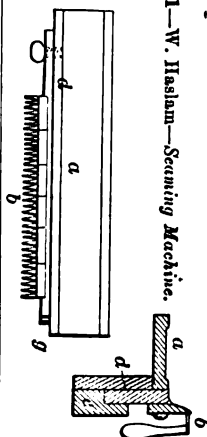
77609—A. J. Hall—Water Wheel.



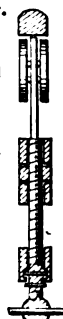
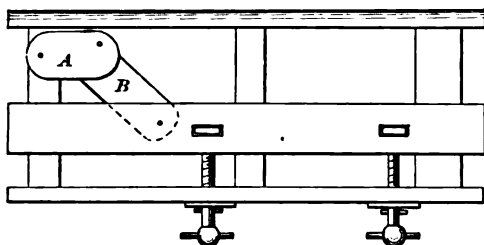
**77612—Hopkins &
Anderson—Vapor
Burner.**



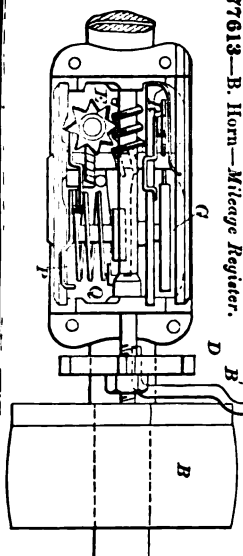
77611—W. Islam—Sewing Machine



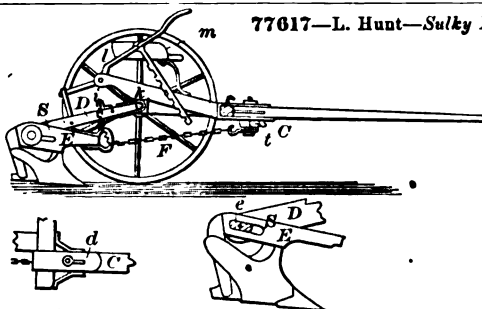
77615—Howell & Oliver—Frame for Stretching Hides.



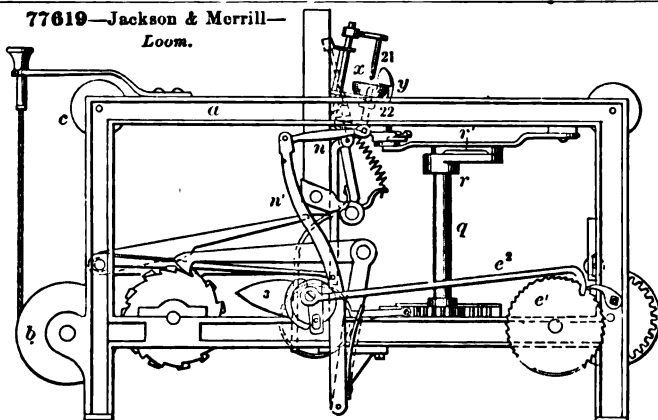
77613—B. Horn—Mileage Register.



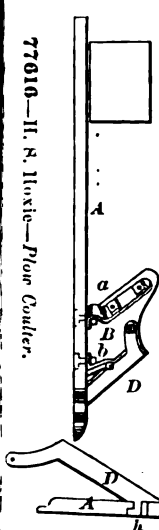
77617—L. Hunt—Sulky Plow.



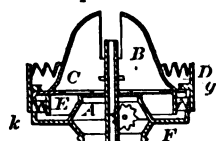
77619—Jackson & Merrill—Loom.



77610—H. R. Hoxie—Plow Coupler.



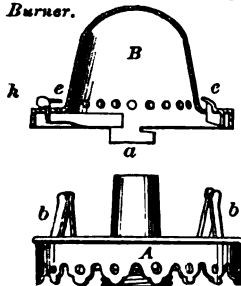
77614—W. W. Horton—Lamp Burner.



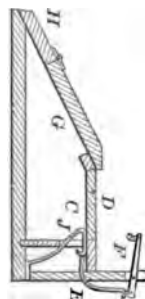
77621—D. A. Jones—Tweezers, Watch Key, &c.



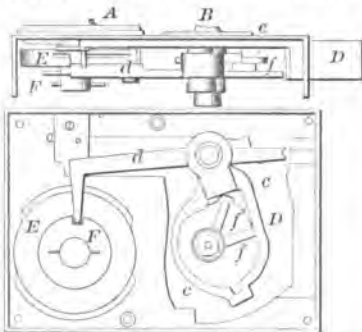
77620—M. Jincks—Lamp Burner.



77622—P. W. King—Animal Trap.



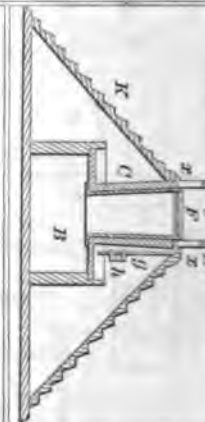
77623—J. Klein—Permutation Lock.



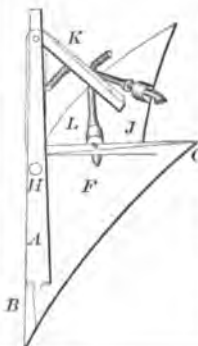
77627—P. V. Lawrie—Self-Sealing
Burial Case.



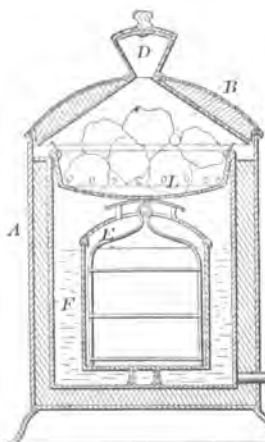
77631—W. C. Margulis—Rat Trap.



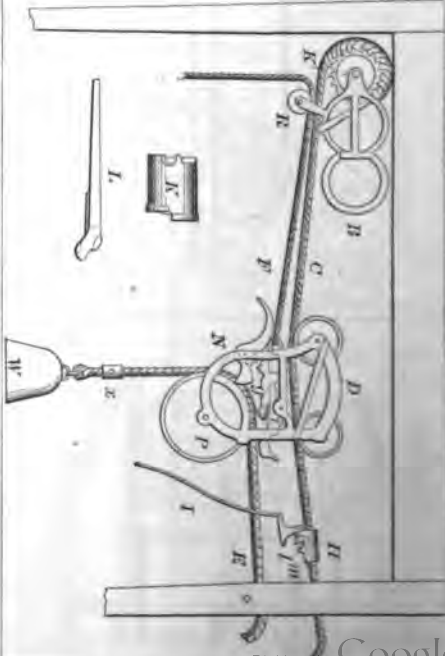
77630—D. A. Manuel—Side Hill Plow.



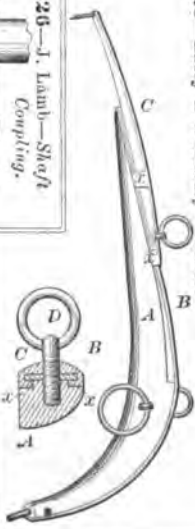
77624—A. Koch—Cooler and
Refrigerator.



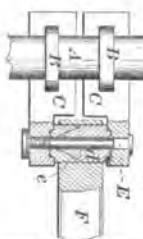
77620—A. D. Mabey—Twisting and Pressing Pulley.



77625—Lacey & Woodbury—Hammers.



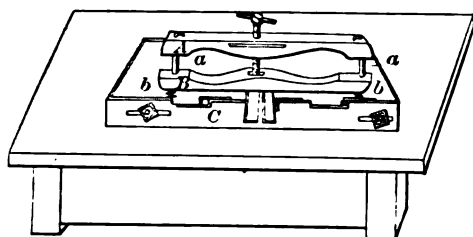
77626—J. Lamb—Shaft
Coupling.



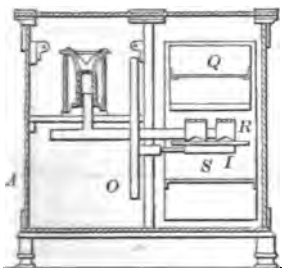
77628—L. D. Lathrop—Fishing
Tackle.



77632—D. S. Marvin—Knife and Fork Scourer.



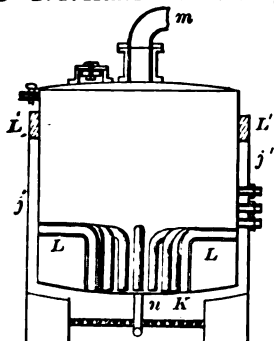
77635—S. T. McDougall—Gas Heater.



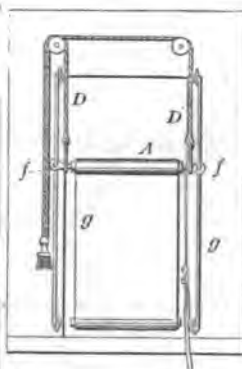
77633—W. K. Marvin—Door Key Guard.



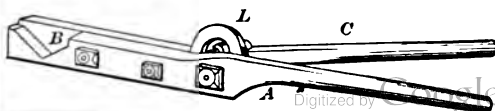
77636—D. F. Mellen—For Distilling Pine Wood.



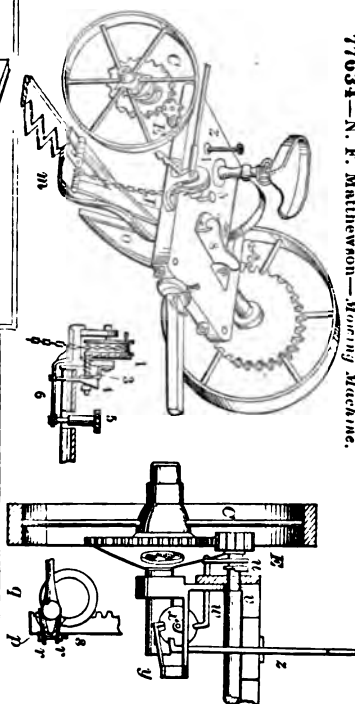
77638—G. L. Miller—Window Curtain Fixture.

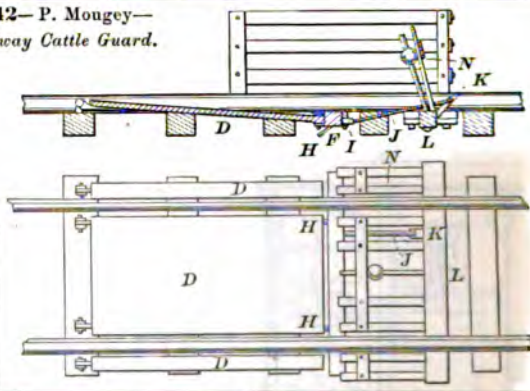
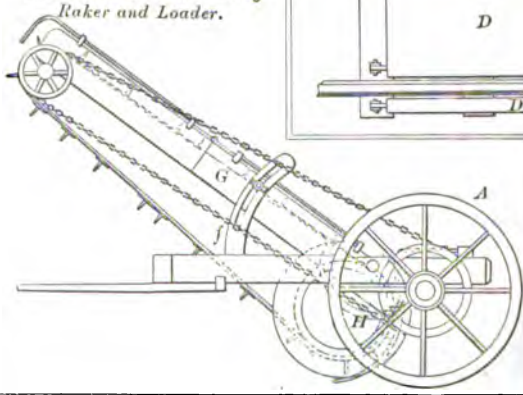
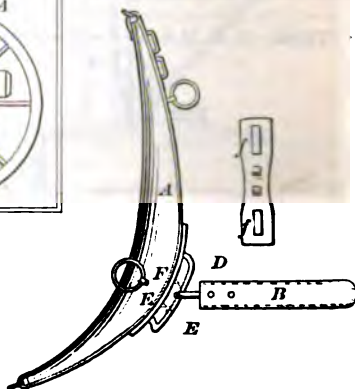
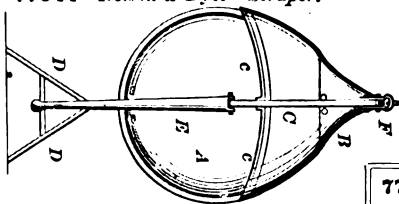
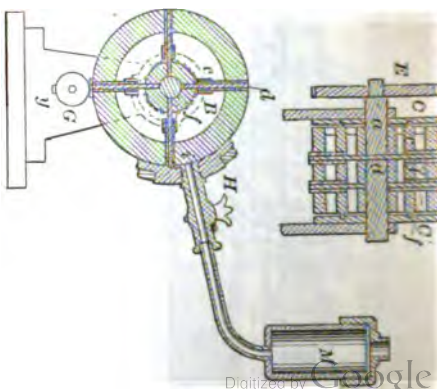
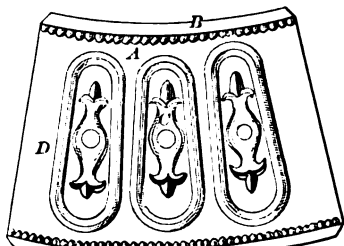


77637—F. Miller—Bolt Cutter.

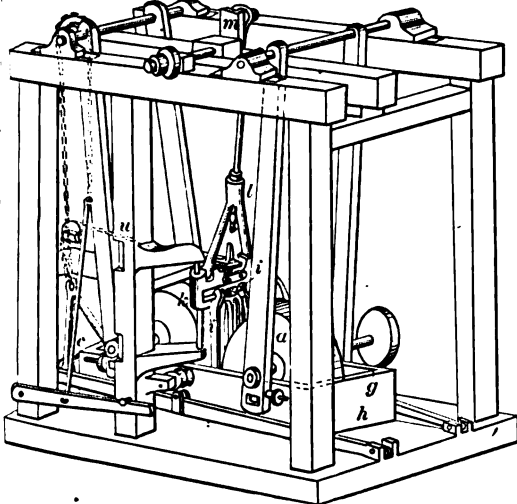


77634—N. E. Mathewson—Mowing Machine.

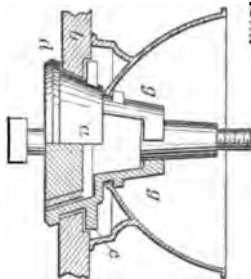


77640—J. F. Morse—Extension Ladder.**77642—P. Mougey—
Railway Cattle Guard.****77641—S. K. Morse—Hay
Raker and Loader.****77645—D. M. Nixon—Hamer.****77644—Nelson & Dyer—Scraper.****77647—J. M. Osgood—For Casting Eyelets.****77643—W. A. Munn—Blank for
Sheet Metal Pot.**

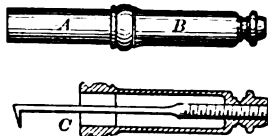
77646—E. Norton—For Grinding File Blanks.



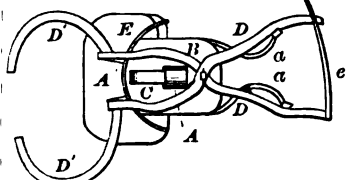
77649—C. & E. Parker—Coffee Mill.
Mill.



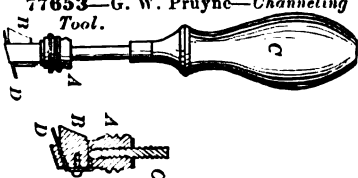
77651—Perkins & Gibbs—Door Fastener.



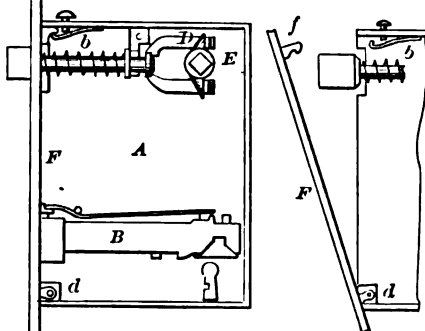
77648—J. H. Park—Bag Holder.



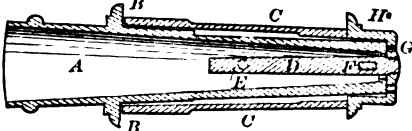
77653—G. W. Pruyne—Channeling Tool.



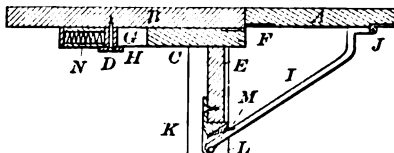
77650—J. E. Parker—Knob Latch.



77656—C. F. Ravn—Wagon Skein.



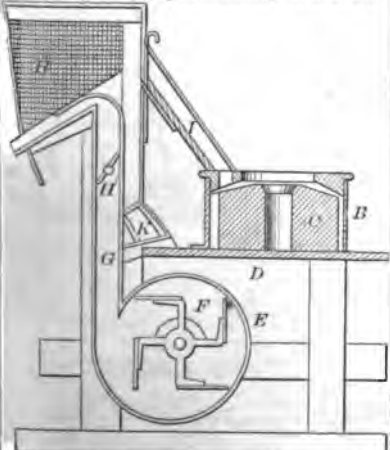
77655—J. S. Rankin—Fall Leaf Table.

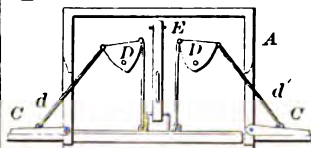
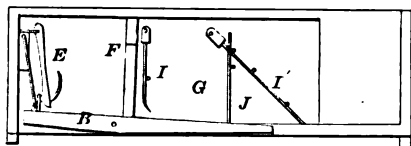
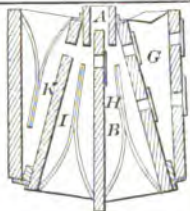
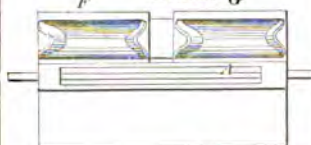
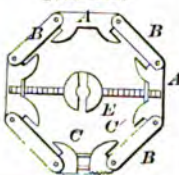
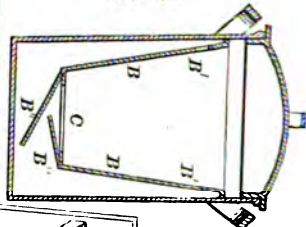
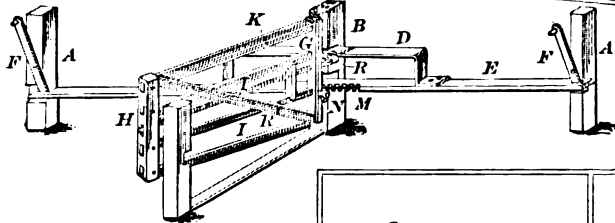
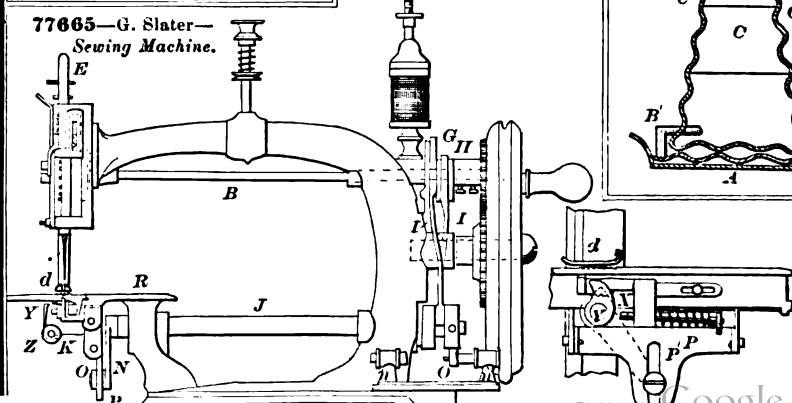
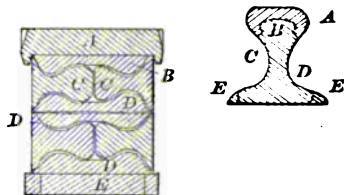
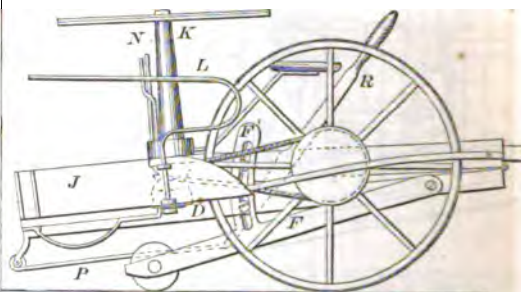
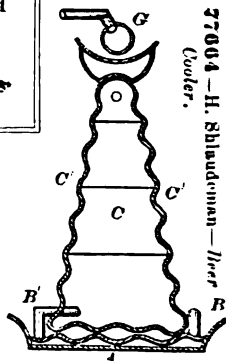


77652—H. Preston—Gauge for Weather Boarding.

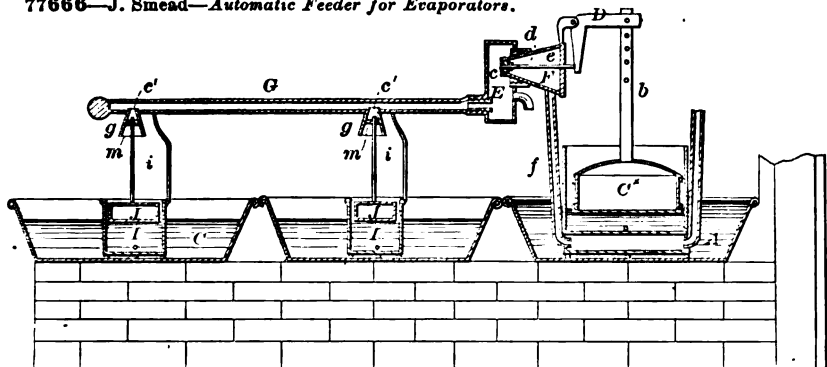


77654—J. Raney—Elevating Grain, &c.

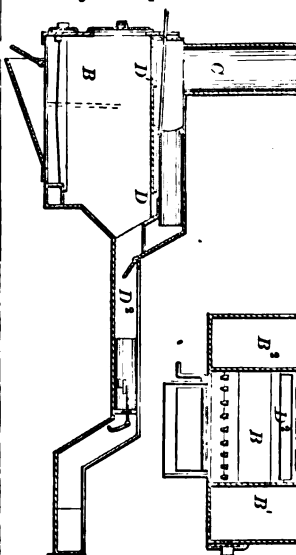


77657—J. H. Reisenger—Animal Trap.**77661—J. Schatz—Reed Organ Bellows. G.****77662—S. Scotton—Tree Box.****77663—I. D. Seeley—Wash Boiler.****77658—C. Rich—Farm Gate.****77665—G. Slater—Sewing Machine.****77659—H. Rowe—Railroad Rail Fagot.****77660—Sarver & Coons—Corn Harvester.****77664—H. Shludeman—Iron Cooler.**

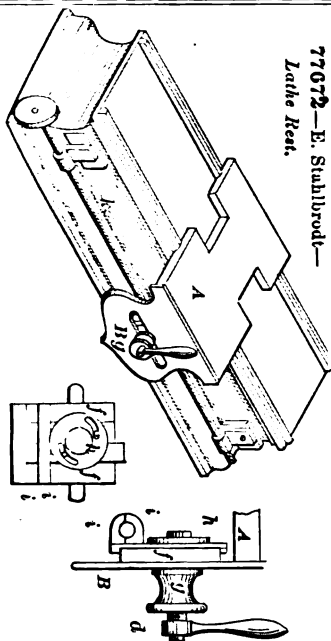
77666—J. Smead—Automatic Feeder for Evaporators.



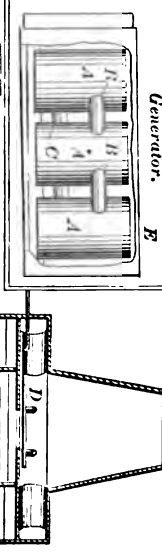
77668—W. C. Smith—
Sugar Evaporator.



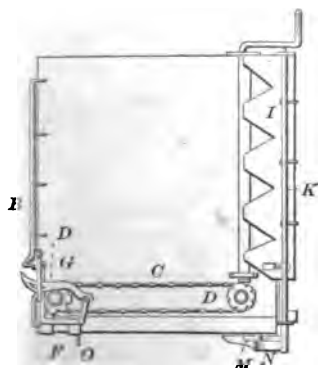
77672—E. Stahlbrodt—
Loche Heist.



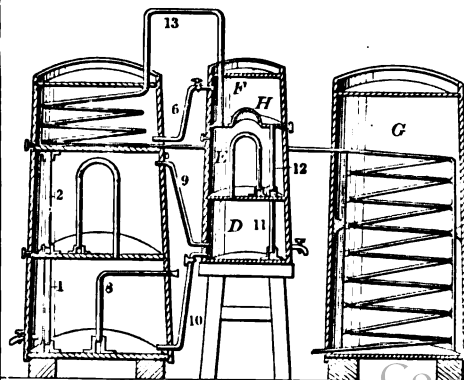
77670—O. Spencer—Steam
Generator.



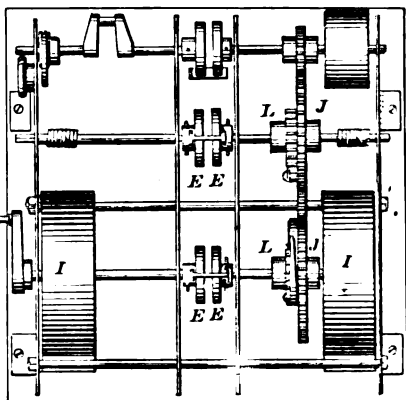
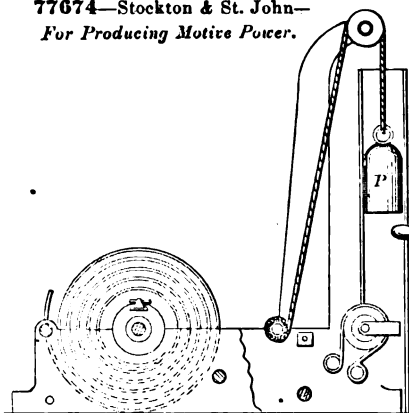
77675—O. O. Storie—Harvester
Rake.



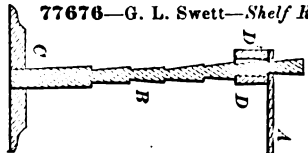
77671—J. Springer—For Rectifying Spirits.



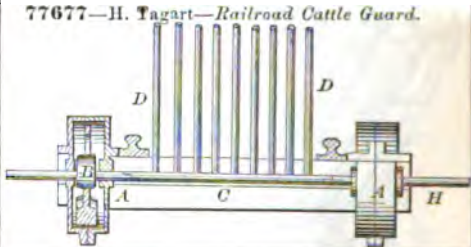
77674—Stockton & St. John—
For Producing Motive Power.



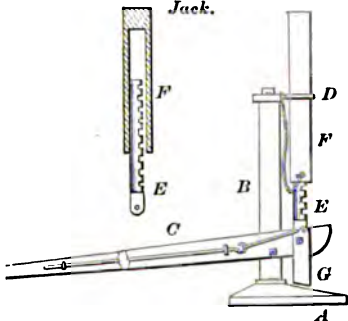
77676—G. L. Swett—Shelf Rest.



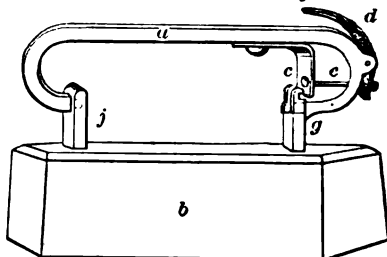
77677—H. Tagart—Railroad Cattle Guard.



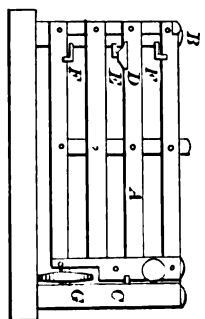
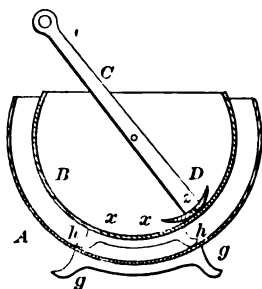
77678—R. M. Thompson—Lifting Jack.



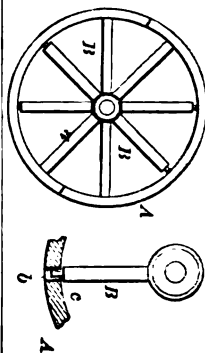
77681—R. W. Towle—Smoothing Iron Handle.



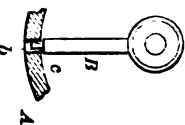
77679—S. H. Tift—Potato Washer.



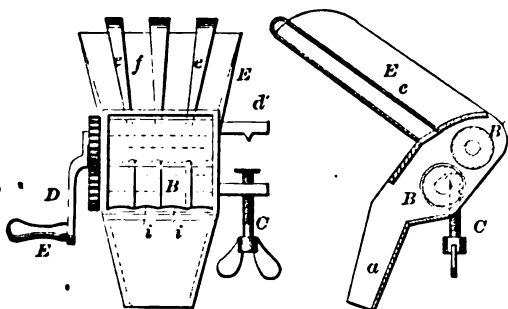
77682—G. W. Tucker—Gate.



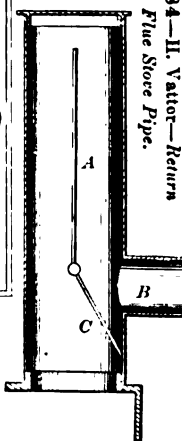
77680—S. Tomney—Carriage Wheel.



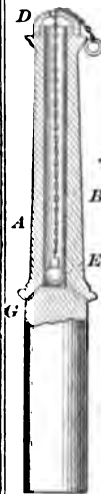
77683—S. Ustick—Pea Sheller.



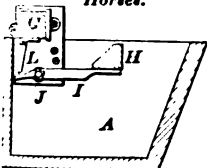
77684—H. Vator—Return
Flue Store Pipe.



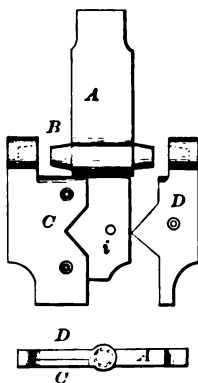
77686—R. & P. Walther—Hitching Post.



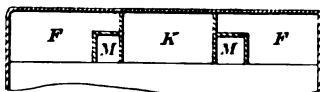
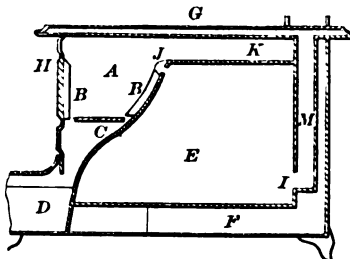
77689—G. H. White—
For Preventing and
Curing Crib Biting in
D Horses.



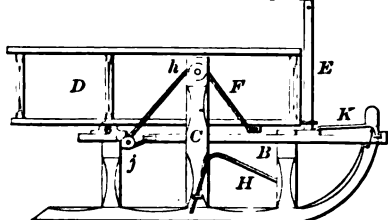
77687—W. Ward—
Shaft Attachment
to Waggons.



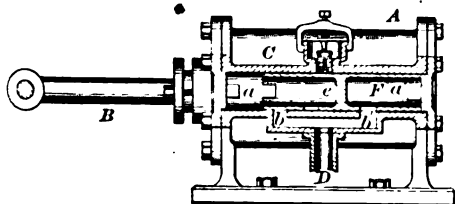
77688—E. D. Weston—Store.



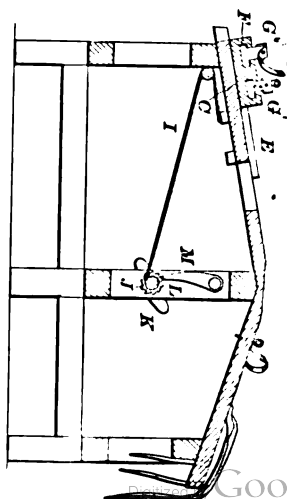
77692—E. R. Whitney—Dumping Sled.

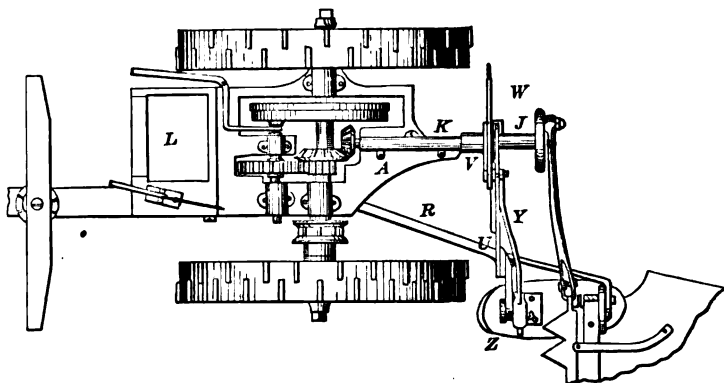
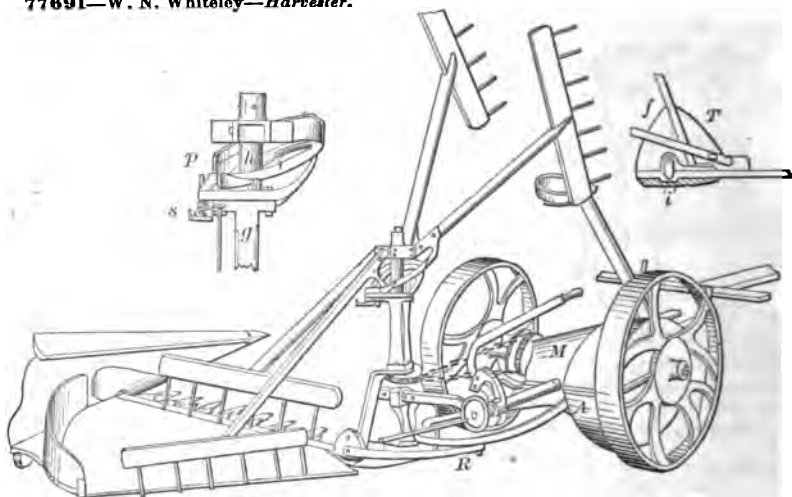
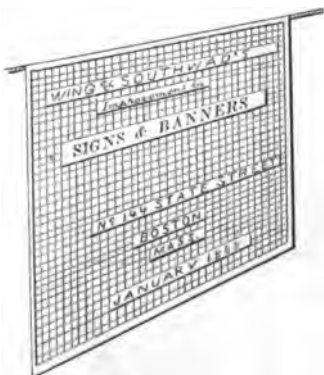
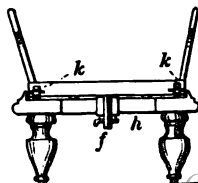
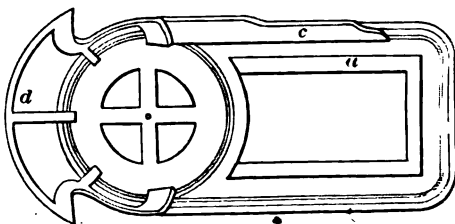


77694—J. Wilcke—Pump.

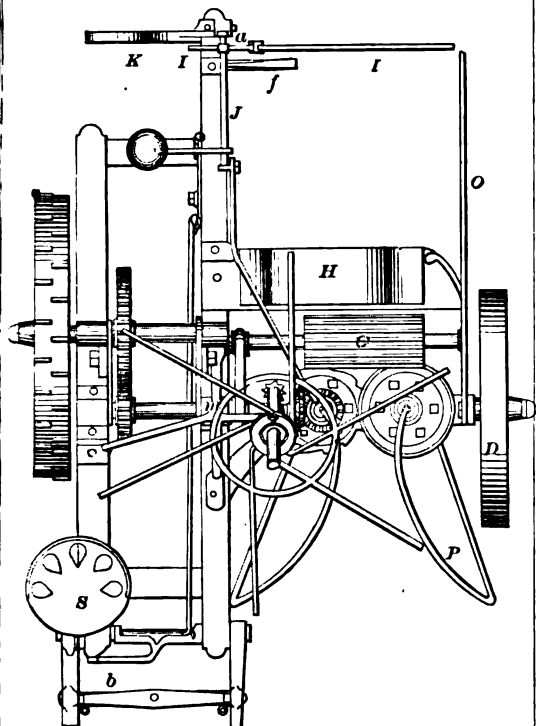


77693—G. Wiggins—Sheep Shearing Table.

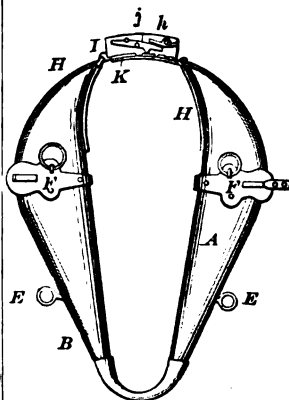


77691—W. N. Whiteley—*Harvester.*77695—S. Wing—*Hanging Signs.*77697—T. Winter—*Chair and Loung.*

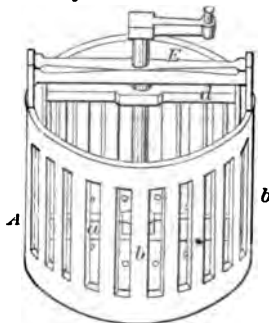
77696—J. F. Winchell—*Corn Harvester.*



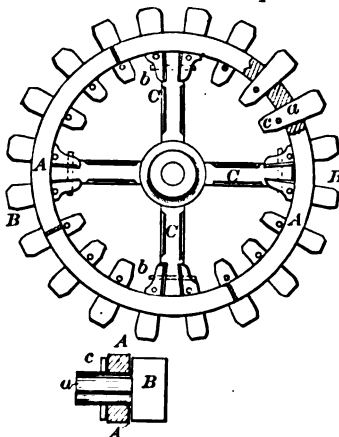
77698—C. Wolf—*Horse Collar.*



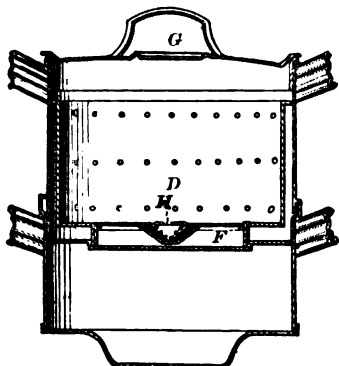
77699—U. A. Woodbury—*Vegetable Washer.*



77700—C. F. Woodruff—*Spur Wheel.*

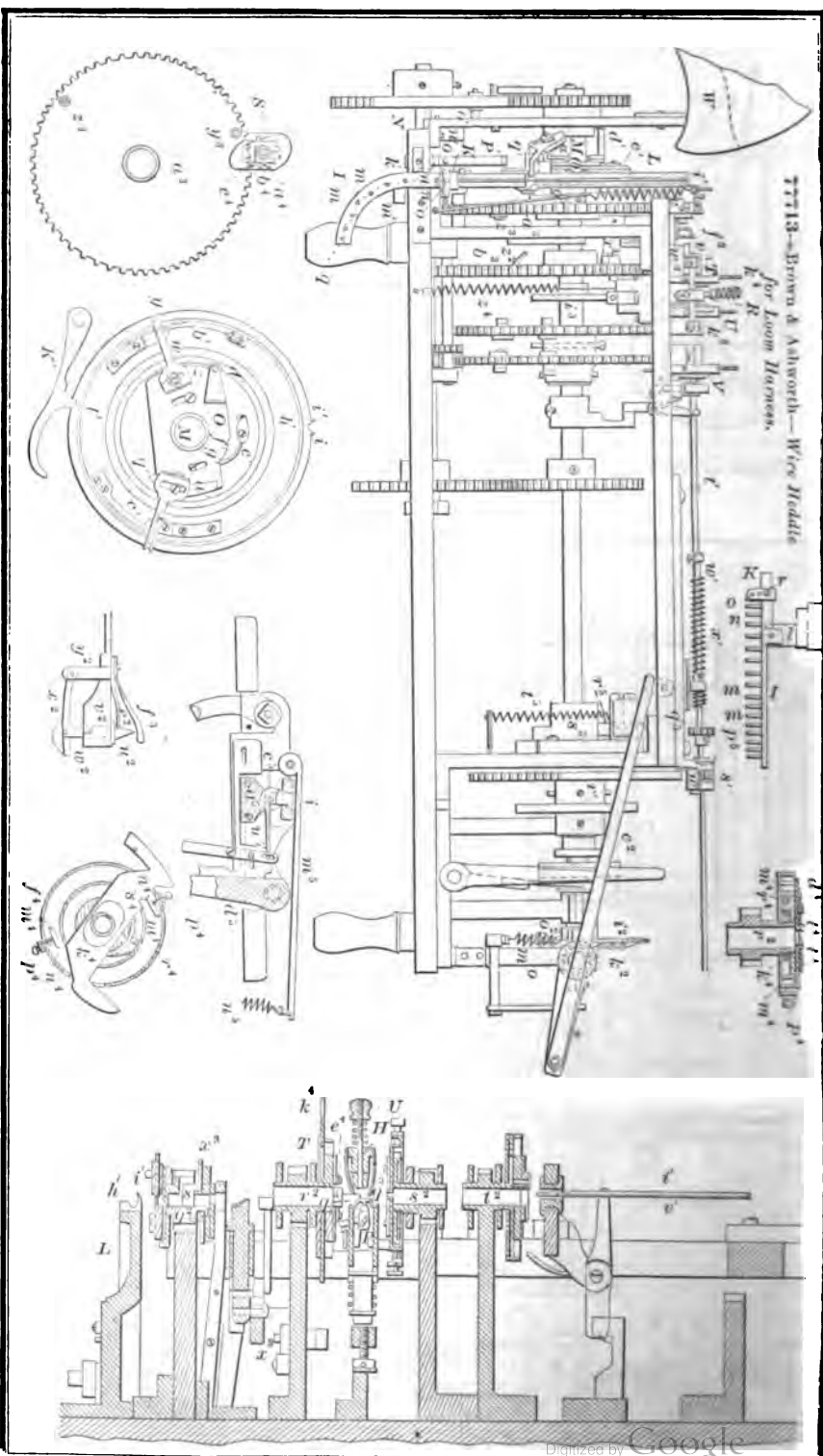


77702—H. A. Zopff—*Culinary Apparatus.*

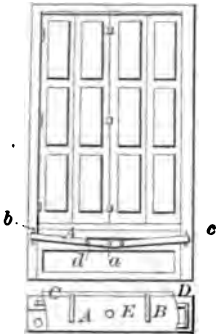


77701—W. Youngblood—*Horse Collar.*

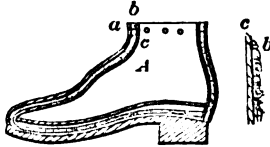




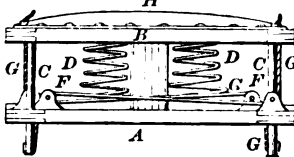
77716—H. Chamberlain—
Store Window.



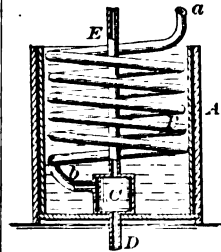
77717—E. Chesterman—
Boots and Shoes.



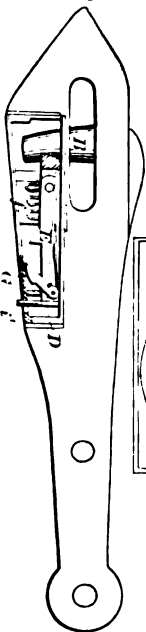
77720—J. D. F. Dahl—Bed
Bottom.



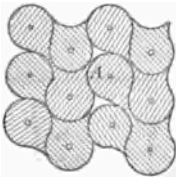
77718—P. Coats—
Condenser.



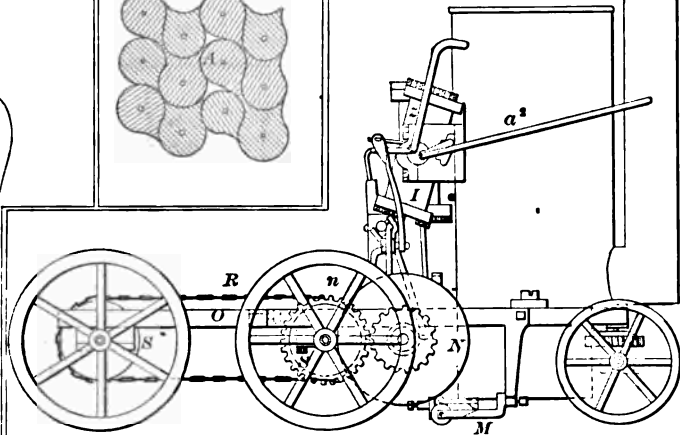
77723—J. S. Elliott—
Hasp Lock.



77725—J. L. Field—
Candle.



77719—M. V. Cumming—
Mowing Machine.



77724—A. Eschenlohr—Seamless Leather Strap.

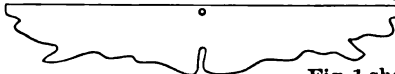


Fig. 2 sheet 1

Fig. 1 sheet 1

Fig. 1 sheet 2

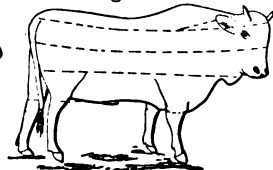
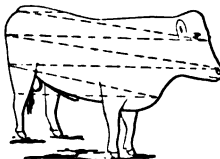
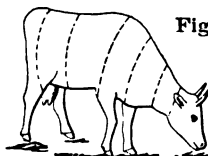
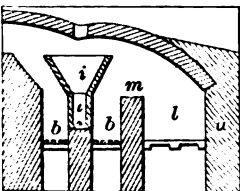


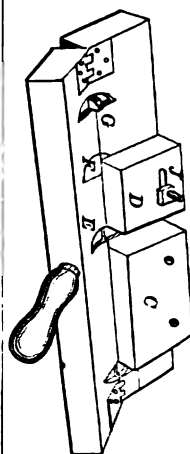
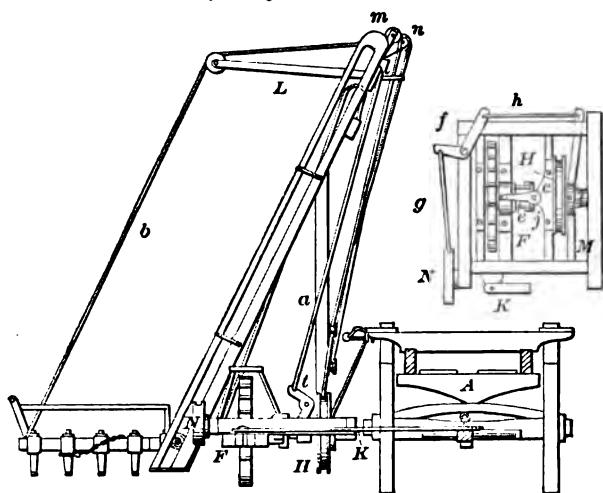
Fig. 3 sheet 2.



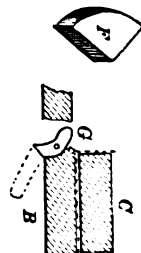
77722—F. Ellershausen—
Manufacture of Iron and
Steel.



77721—M. A. Dilley—Hay Raker and Loader.

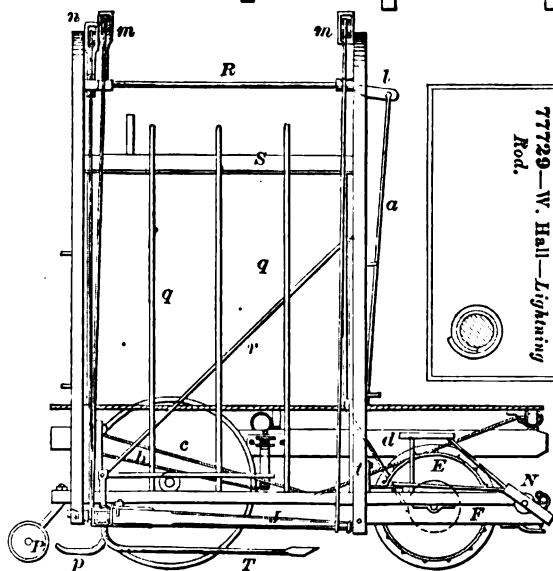
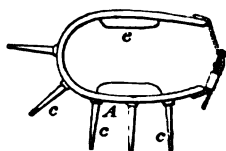


77720—J. Finn—Jaw Former.

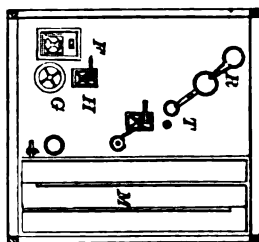
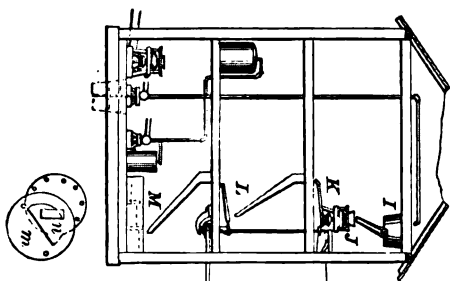


77729—W. Hall—Lightning Rod.

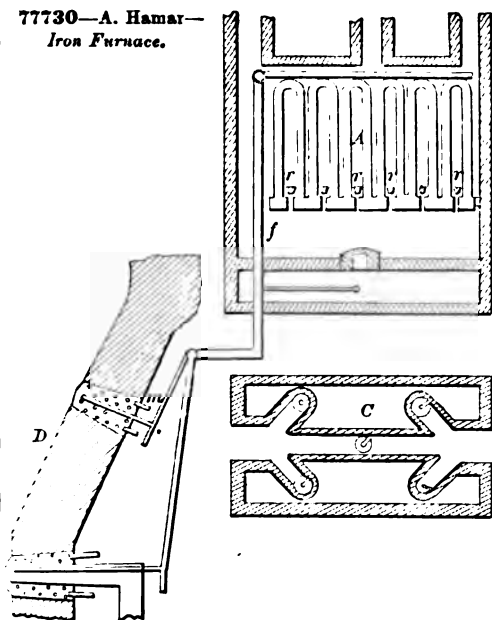
77728—H. A. Hall—Ankle or Knee Guard.



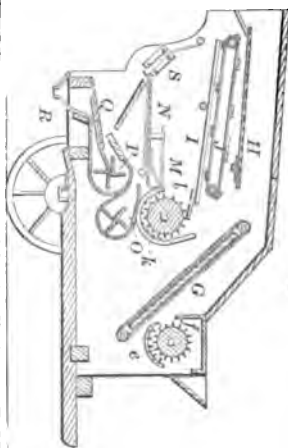
77727—J. Firmenich—Manufacture of Vinegar.



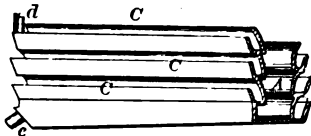
77730—A. Hamar—
Iron Furnace.



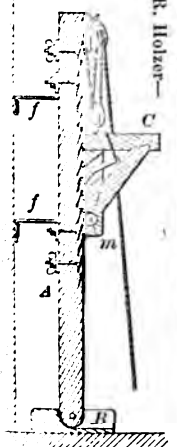
77731—D. M. Heikes—Clover Separator and Hailer.



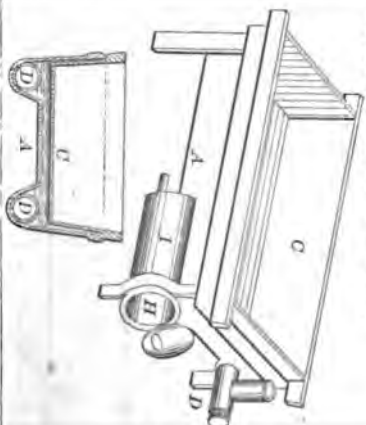
77732—N. Heimenz—Beer Cooler.



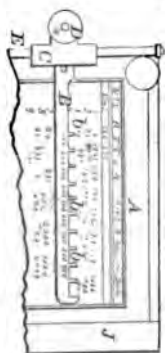
77733—E. R. Holzer—
Scarfoid.



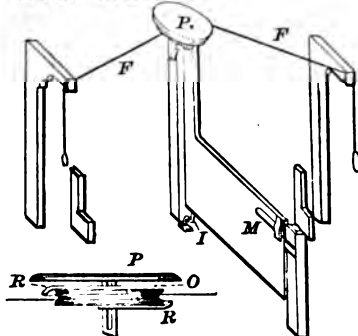
77734—W. Howard—Cheese Vat.



77736—I. S. Hyatt—Tax Calculator.

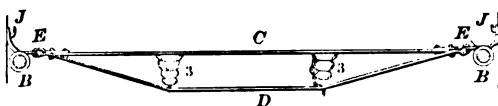
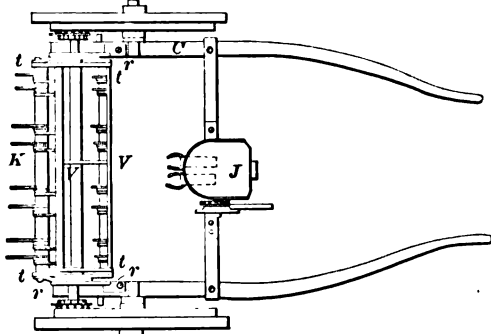
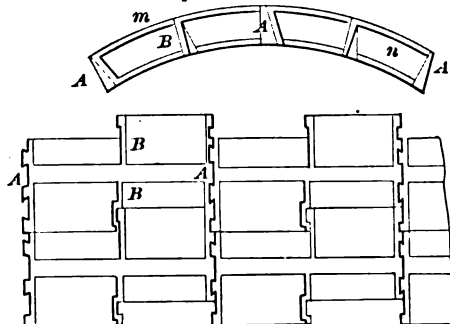
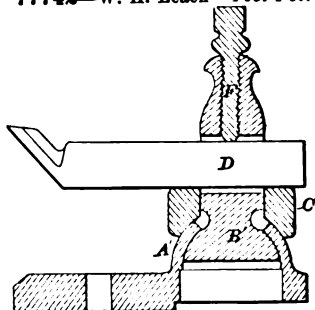
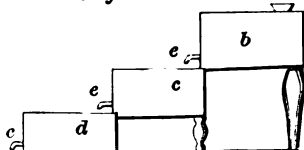
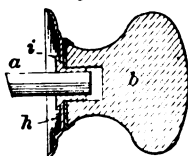
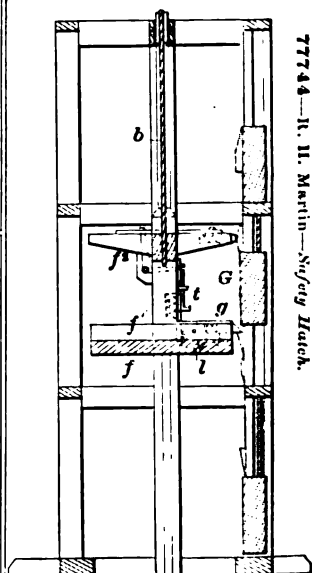
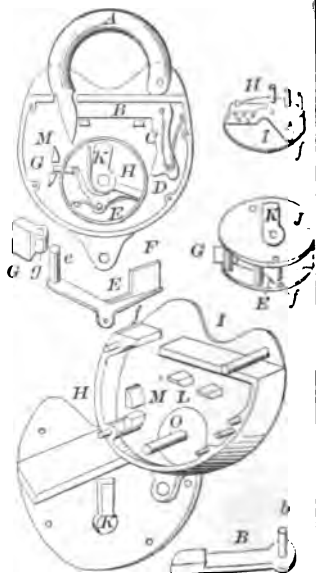
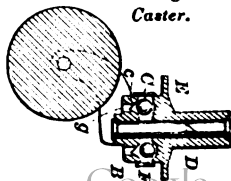


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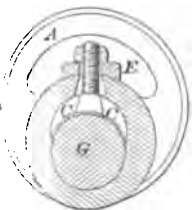


77737—A. Jones—Harrow Tooth.

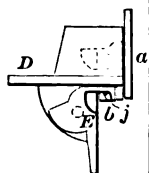
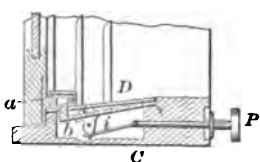


77738—Joslin & Newhall—*Bed Bottom.*77739—G. G. Knowles—*Hay Spreader.*77741—G. T. Lape—*Bridge.*77742—W. H. Leach—*Tool Post for Lathes.*77746—W. Mathews—*Purifying Sorghum Juice.*77745—T. Marvin—*Attaching Door Knobs.*77740—F. F. Landis—*Padlock.*77744—H. H. Martin—*Safety Hatch.*77743—S. N. Long—*Furniture Caster.*

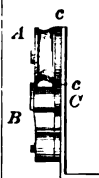
77747—Miller & Stevens—Hub Fastening for Eccentrics.



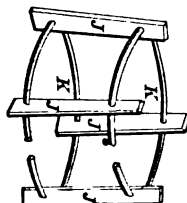
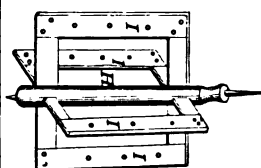
77748—W. J. Miller—Shutter Fastening.



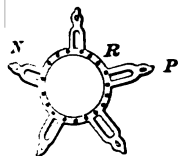
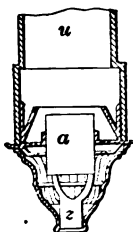
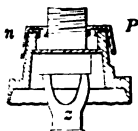
77750—H. Morgan—Clothes Line Holder.



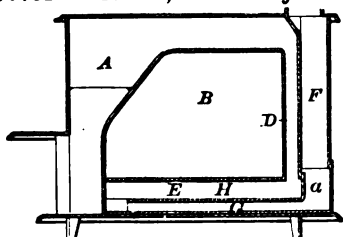
77753—E. P. Newman—Churn.



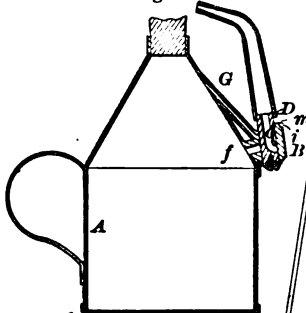
77749—H. Monier—Gas Burner.



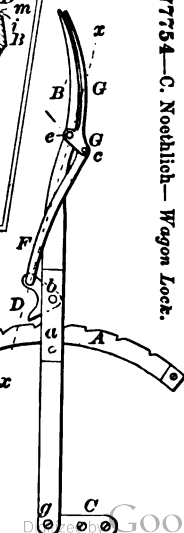
77751—B. L. Mott, Jr.—Cooking Stove.



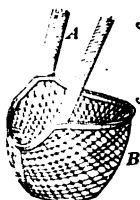
77755—J. Ogdin—Oil Can.



77754—C. Nothlich—Wagon Lock.



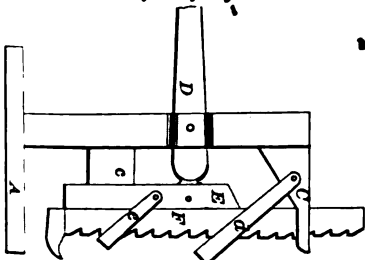
77757—W. H. Phelps—Suspensory Bandage.



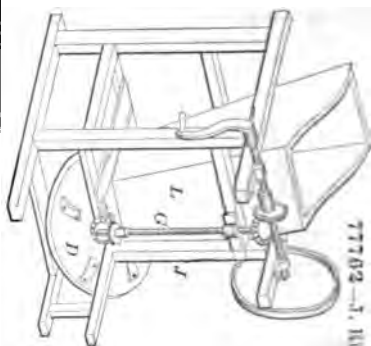
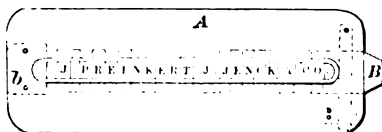
77752—G. Murray, Jr.—Meat Pounder and Ice Pick.



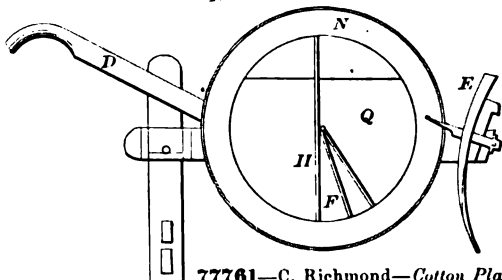
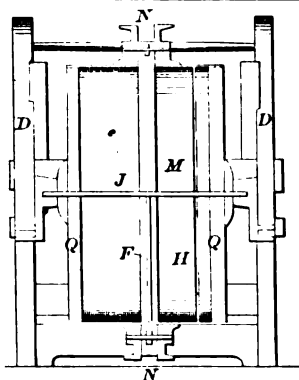
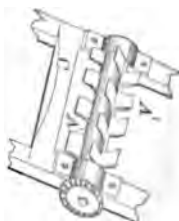
77756—S. Perry—Lifting Jack.



77759—W. W. Potter—Stencil Plate.

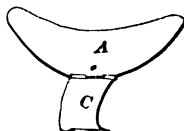
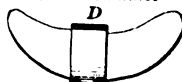


77762—J. Miley—Straw Cutter.

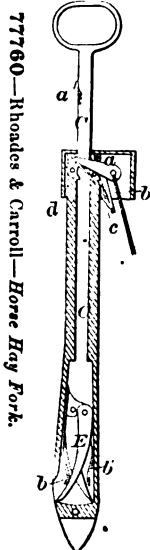
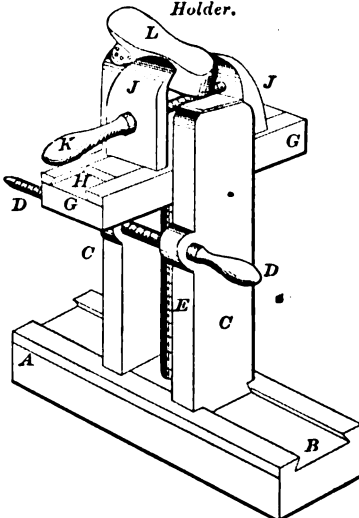


77761—C. Richmond—Cotton Planter.

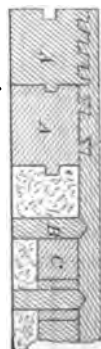
77765—S. D. Roof—Necktie Frame.



77764—A. J. Rock—Last and Shoe Holder.



77760—Rhodes & Carroll—Horse Hay Fork.

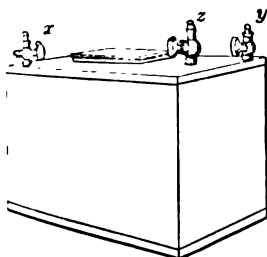
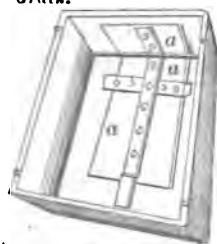


77766—S. I. Russell—Sidewalk.

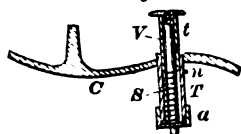
77767—E. O. Schartau—Lamp Wick.



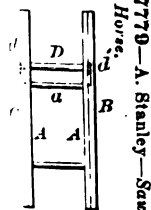
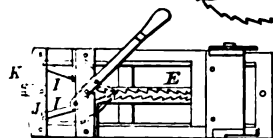
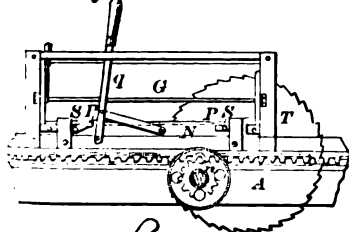
77768—S. F. Shoonmaker—
Transporting and Storing
Grain.



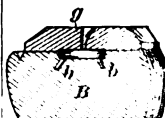
77773—Smith & Wilcox—
Dentistry.



77776—Southwick & Gillett—
Shingle Machine.



77779—A. Stanley—Saw
Horse.



77781—J. Turel—Lettering
Machine.

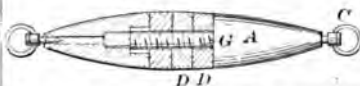
77769—A. Searls—Shaft Coupling.



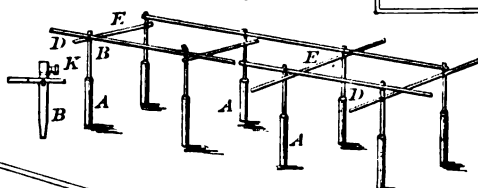
77770—G. A. Seaver—Cotton Bale Tie.



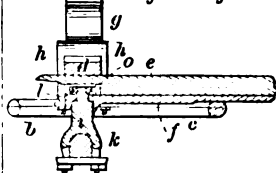
77774—W. H. Smith—Fishing
Line Sinker.



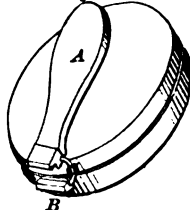
77775—L. D. Snook—Hop Trellis.



77782—J. J. Waldron—
Wagon King Bolt.



77778—T. H. Spencer—
Blacking Box.



77783—D. Walker—Blotter.



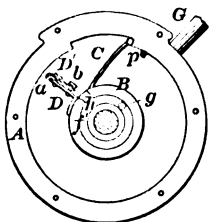
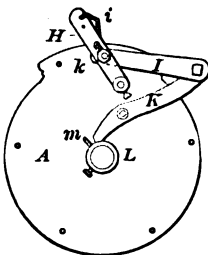
77772—S. E. Skilling—Tube Well.



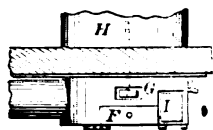
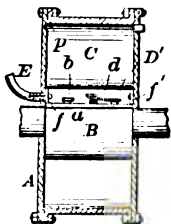
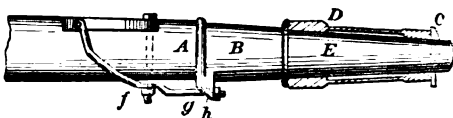
77771—Shipley & Mercereau—For Lighting Gas, &c.



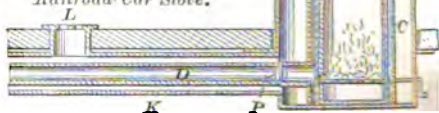
**77780—Thunell & Hedstrom—
Rotary Steam Engine.**



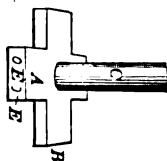
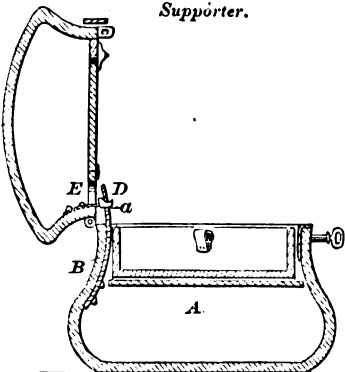
77785—J. Weathers—Attaching Hubs to Axles.



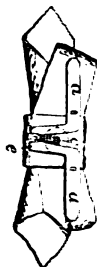
**77786—E. Z. Webster—
Railroad Car Store.**



**77787—S. Wehrly—Trunk Lid
Supporter.**

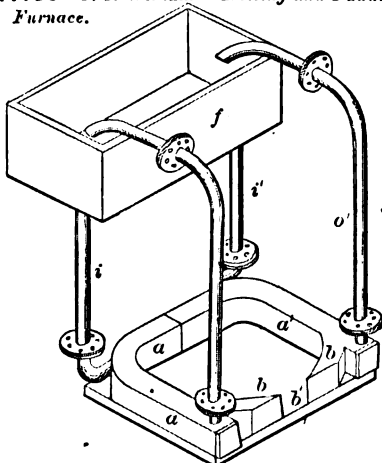


**77788—Williams & Lennon—Churn
Dashers.**

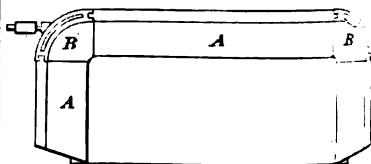


77789—J. Wehrly—Vehicle Seats.

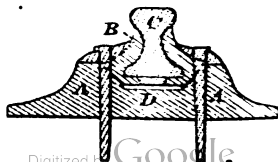
**77790—J. I. Williams—Boiling and Puddling
Furnace.**



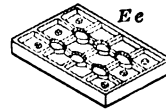
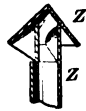
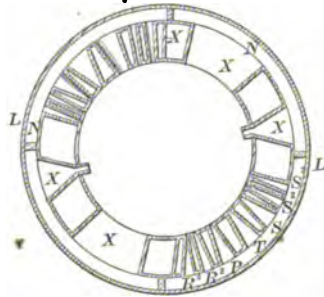
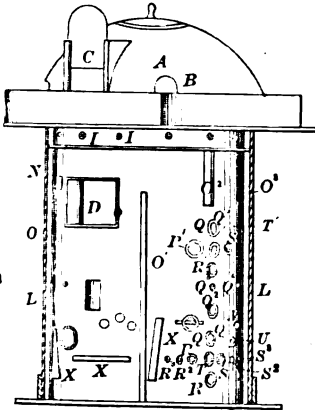
77791—L. W. Wolfe—Vehicle Seat.



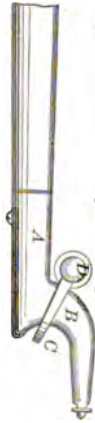
77794—R. Zider—Railway Chair.



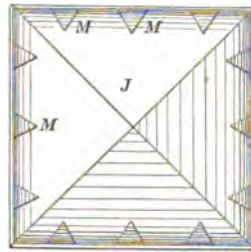
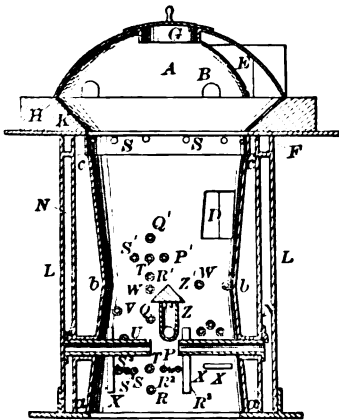
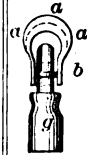
77795—F. C. Adams—Cupola Furnace.



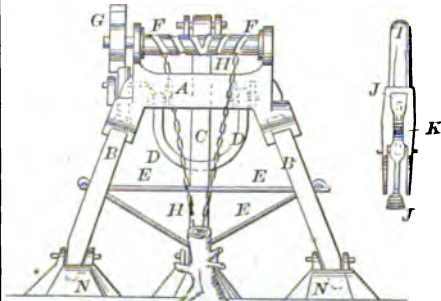
77796—A. Benedict—Carriage Pole Tip.



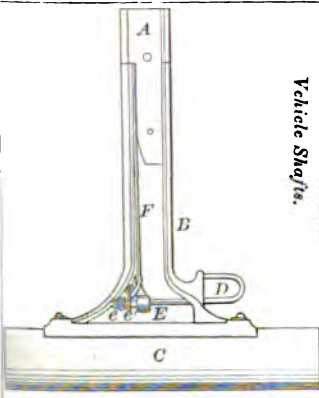
77799—C. L. Browne—Flame Aerogor.



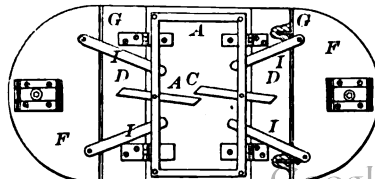
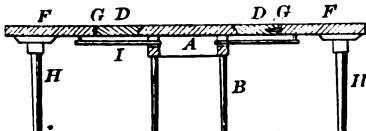
77798—L. J. Bogert—Stump Extractor.

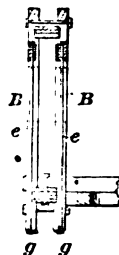
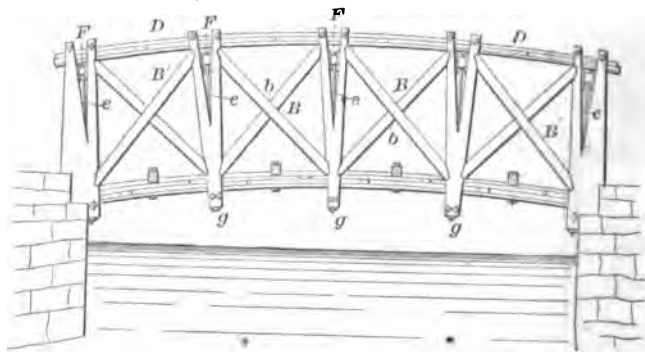
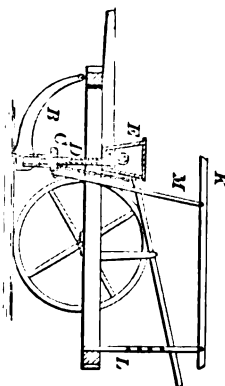
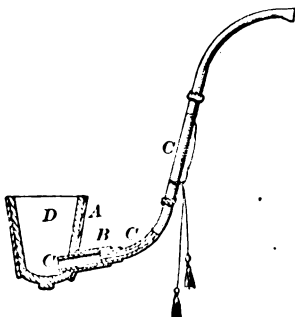
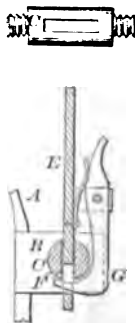
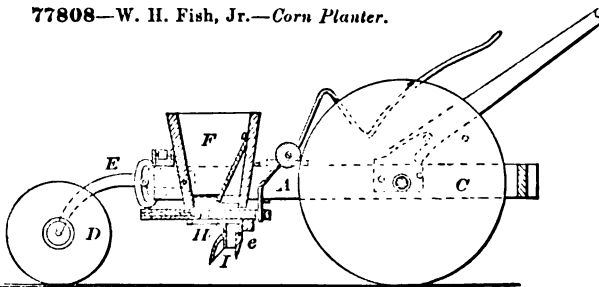
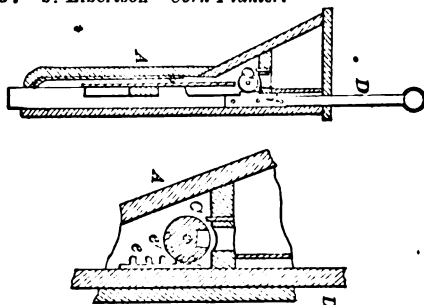
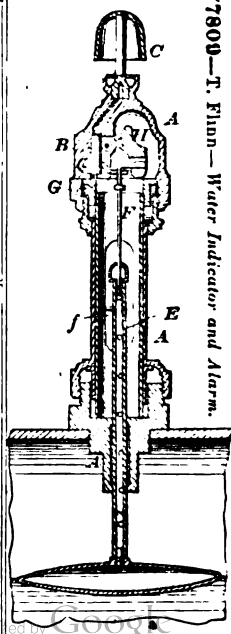


77797—W. L. Blaisdell—Vehicle Shafts.

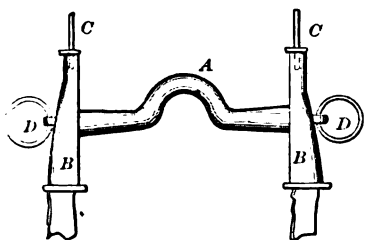


77801—D. Cole—Table Extension.

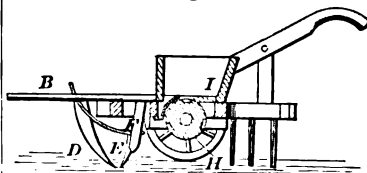


77800—E. M. Carpenter—*Suspension Bridge.***77803**—H. G. Dayton—*Tobacco Pipe.***77802**—J. W. Davidson—*Wheat Drill.***77804**—L. Derby—*7/8 inch Fastener.***77808**—W. H. Fish, Jr.—*Corn Planter.***77807**—J. Elbertson—*Corn Planter.***77809**—T. Finn—*Water Indicator and Alarm.*

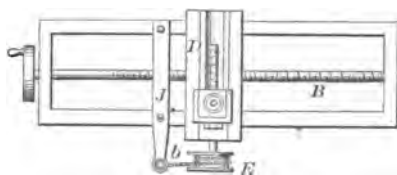
77810—W. S. Ford—Bridle Bit.



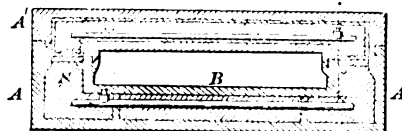
77811—A. J. Going—Corn Planter.



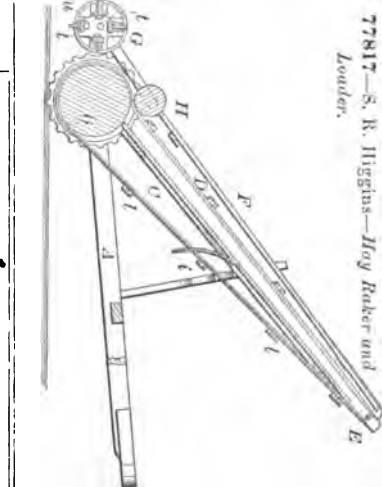
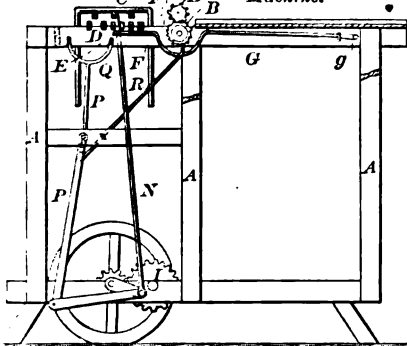
77812—L. Griscom—Lathe.



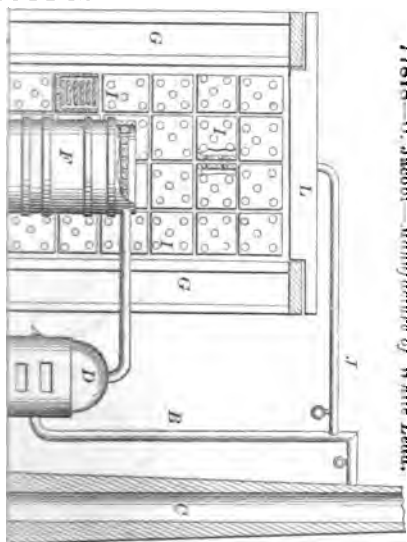
77816—A. W. Herr—Fireproof Safe.



77815—J. S. Haskins—Hemp Breaking Machine.

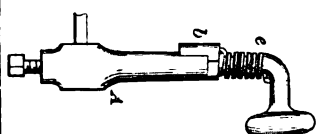


77817—S. R. Higgins—Dog Ruler and Loader.

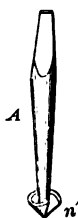


77818—O. Jacobi—Manufacture of White Lead.

77820—E. S. Lancy—Finger for Shuttle Stop Rod in Looms.



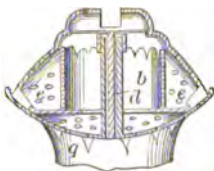
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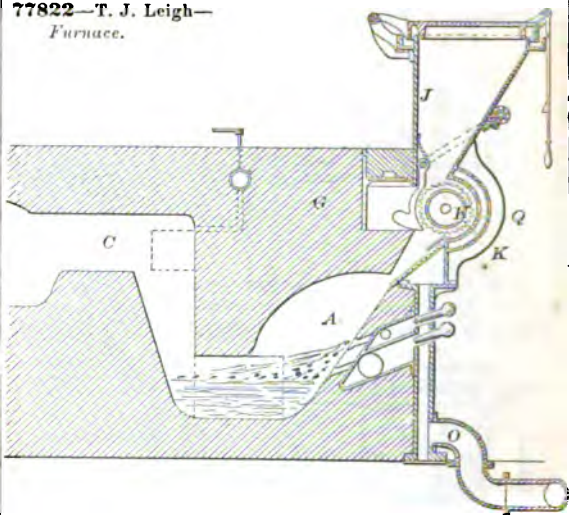
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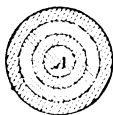
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Lamp Burner.**



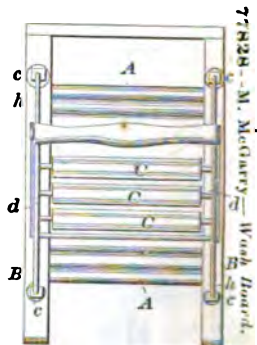
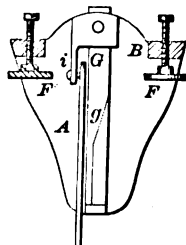
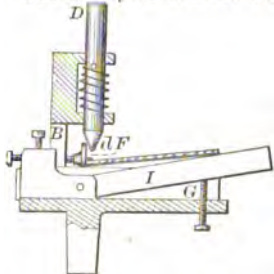
**77822—T. J. Leigh—
Furnace.**



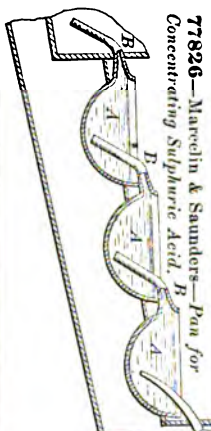
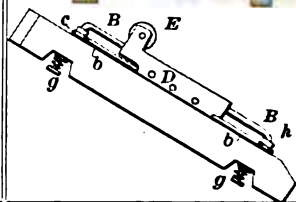
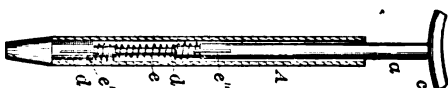
**77823—W. H. Lippincott—
Vulcanite Billiard Ball.**



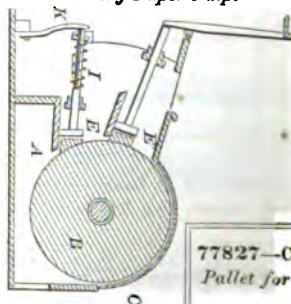
77825—Lyon, Shumard & Robbins—Saw Set.



77824—J. A. Lobb—Crutch.



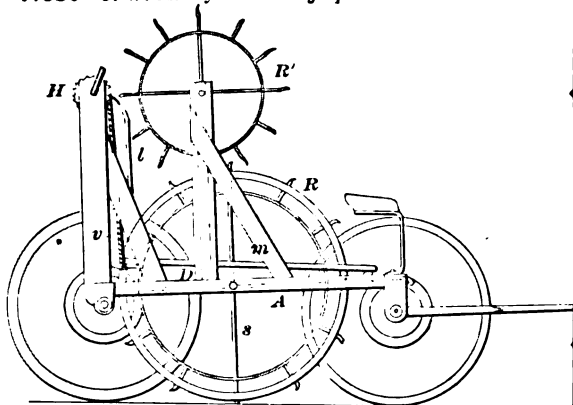
77829—W. Miller—For Making Paper Pulp.



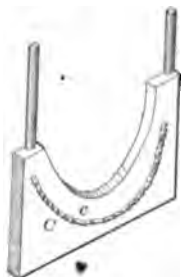
**77827—C. E. Mason—
Pallet for Time Piece.**



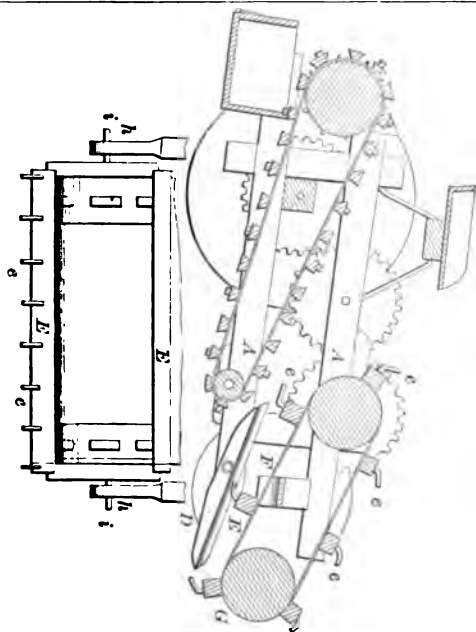
77830—J. W. Milroy—*Revolving Spade Plow.*



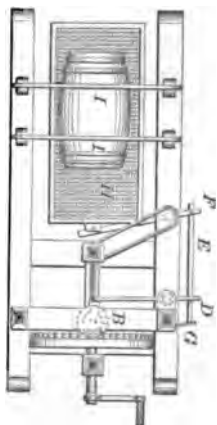
**77831—Nathans &
Thornton—Cur Axle Box.**



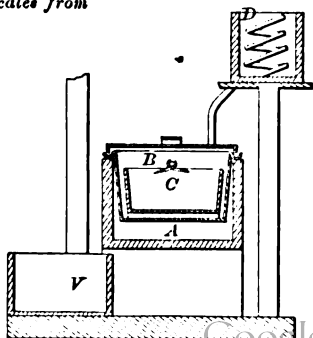
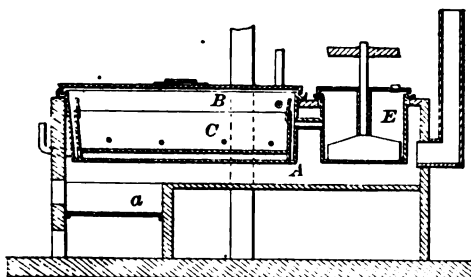
77833—G. N. Palmer—Stone Gathering Machine.

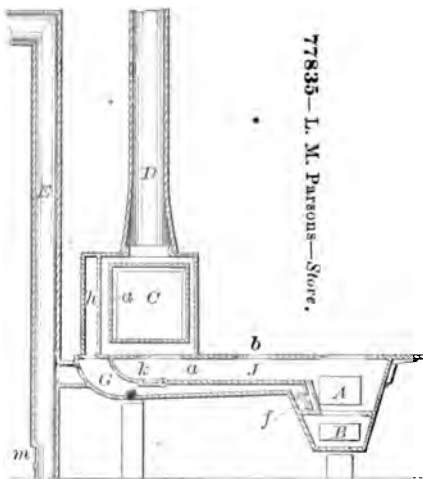


77832—J. Novck—*Flour Sifter.*



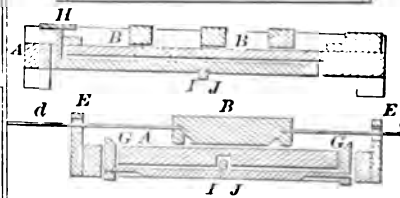
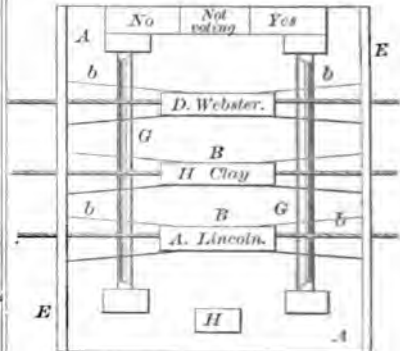
77834—Parrott & Boardman—*Removing Metallic Scales from Glass and "Moils."*



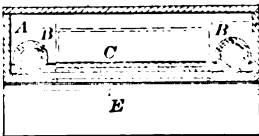
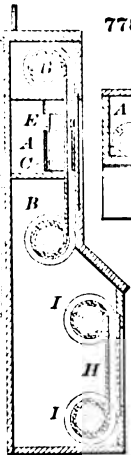


77835—L. M. Parsons—Store.

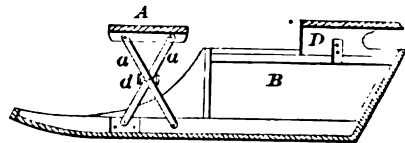
77836—N. A. Patterson—Vote Register.



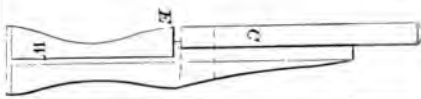
77837—C. T. Pooler—Calendar.



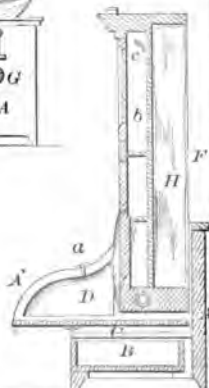
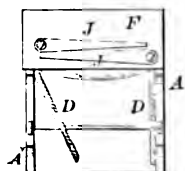
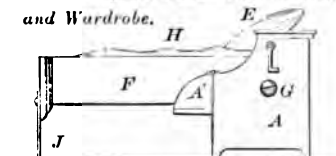
77838—L. Pray—Vehicle Seat.



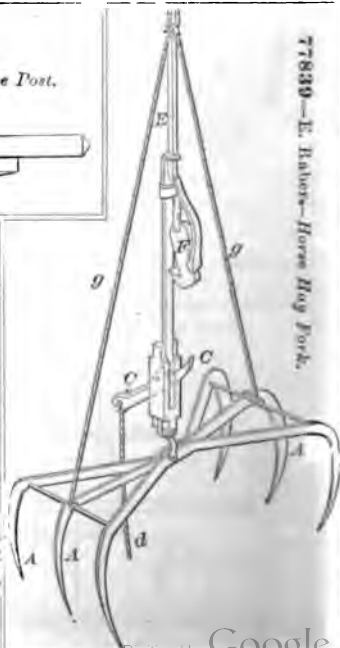
77842—Richards & Snyder—Fence Post.



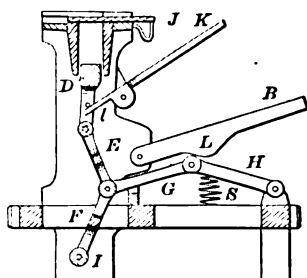
77841—W. Reckards—Bedstead, Chair, Secretary and Wardrobe.



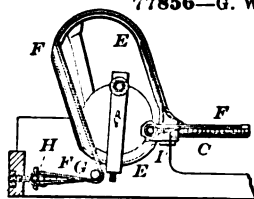
77839—E. Havers—Horse Hay Fork.



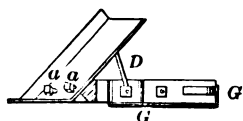
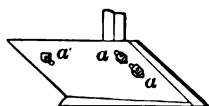
77854—L. S. Warner—Concrete Block Press.



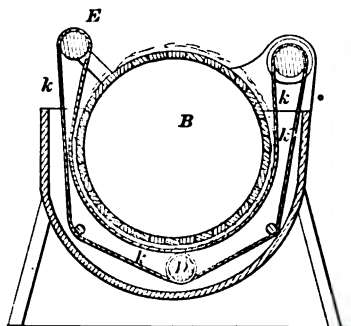
77856—G. Widmer—Adjustable Couch.



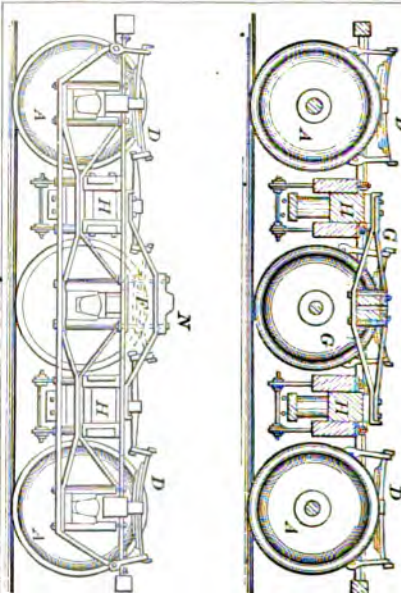
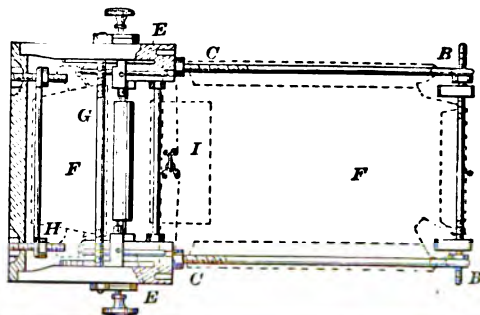
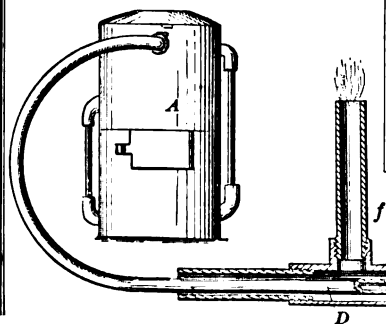
77855—T. P. Warren—Plow.



77861—D. C. Baker—Washing Machine.

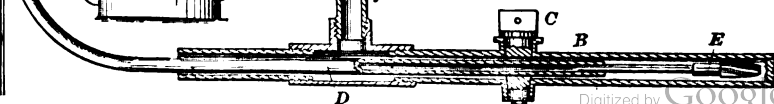


77857—W. Young—For Clearing Pipes.

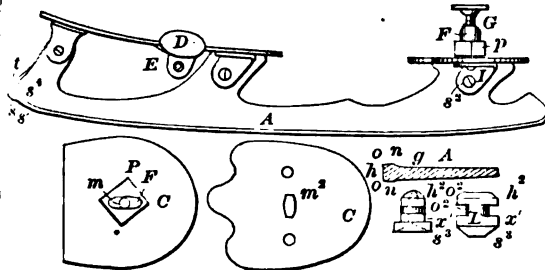


77858—C. F. Allen—Car Truck.

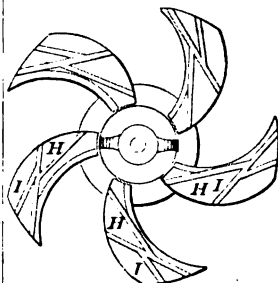
77859—G. M. Allerton—Forming Tight Seams in Rubber Cloth.



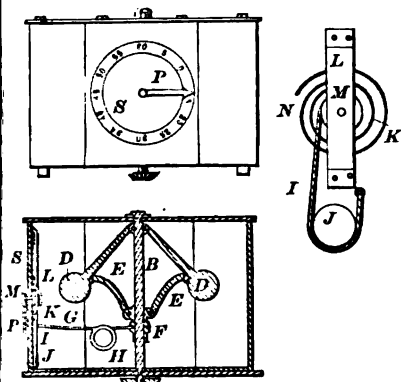
77862—Barney & Berry—Skate.



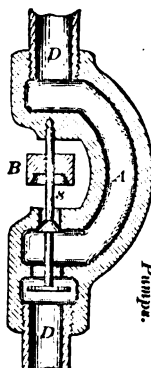
77868—J. H. Bullock—
Amalgamator Shoe.



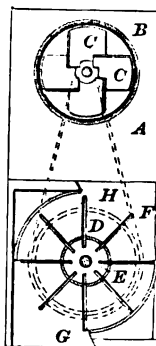
77864—N. P. Bowsher—Power Indicator.



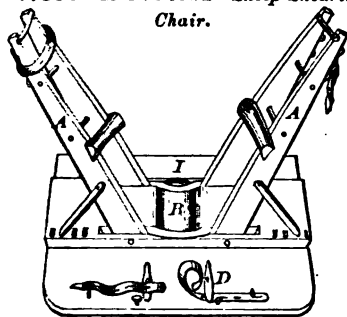
77865—G. E. Brettell—Waste Valve for
Pumps.



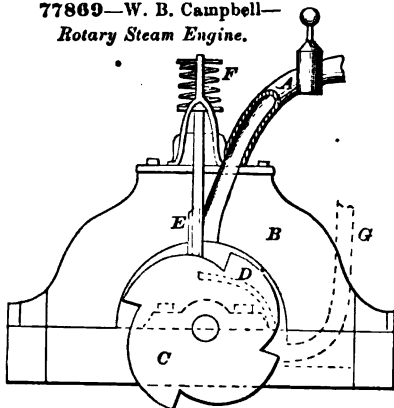
77867—I. Buckingham—Car Ventilator.



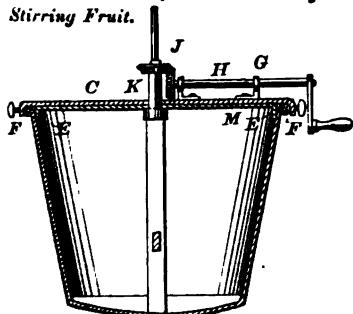
77866—H. D. Brown—Sheep Shearing
Chair.



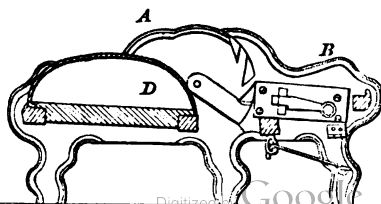
77869—W. B. Campbell—
Rotary Steam Engine.

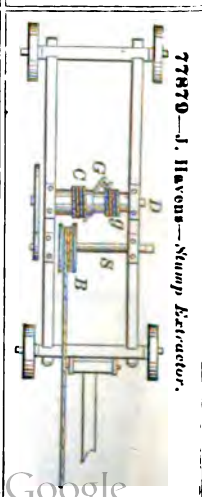
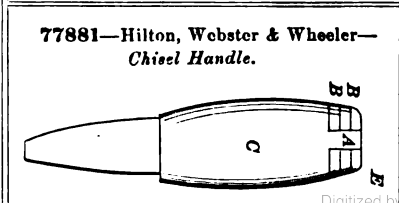
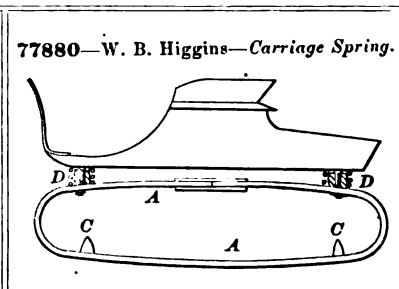
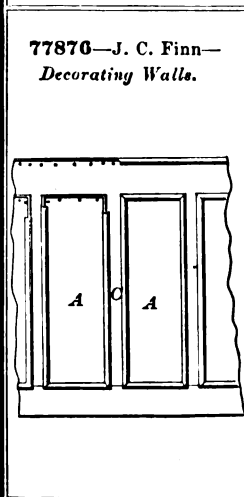
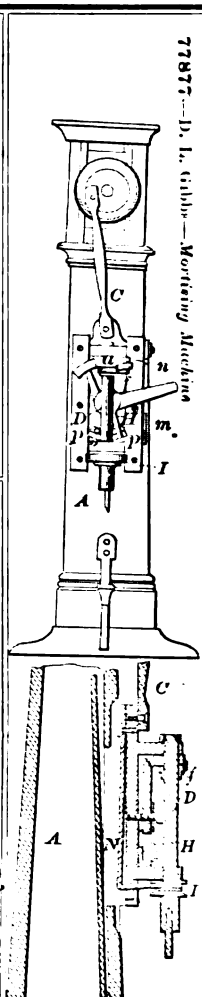
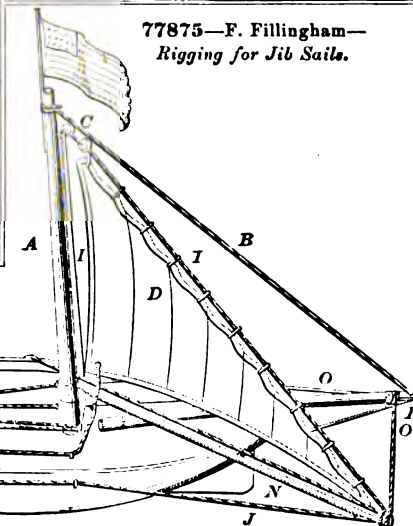
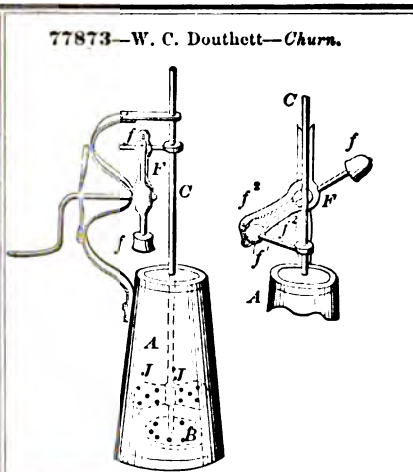
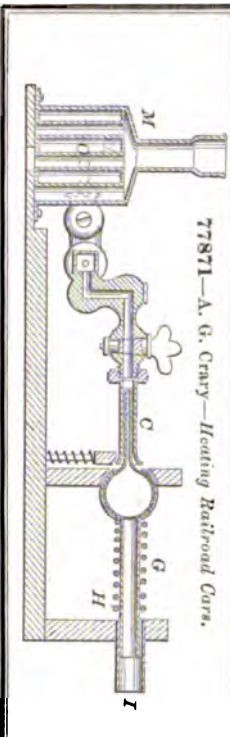


77870—M. G. Collins—For Boiling and
Stirring Fruit.

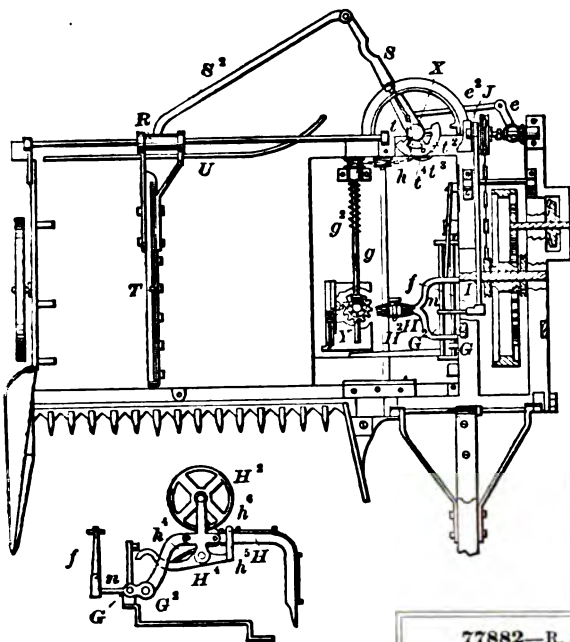


77872—E. Deetz—Adjustable Sofa.

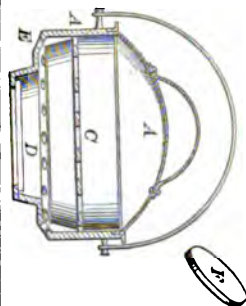




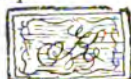
77878—J. F. Gordon—*Grain Binder.*



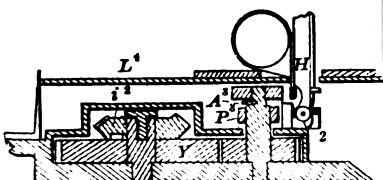
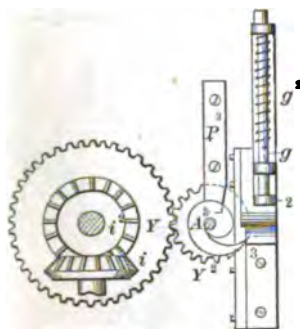
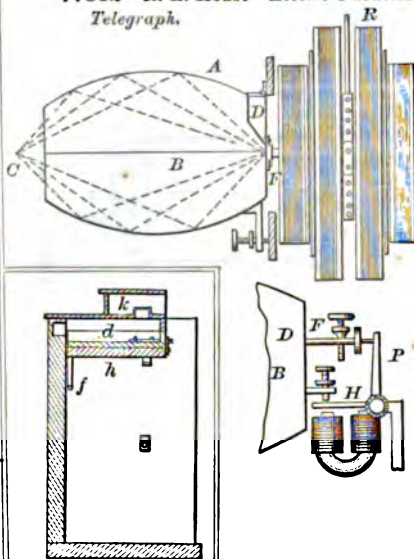
77884—G. B. Isham—*Culinary Apparatus.*



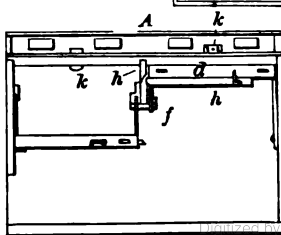
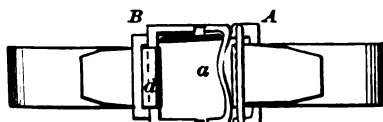
77887—M. K. Kellogg—*Postage and Revenue Stamp.*



77882—R. E. House—*Electro-Phonic Telegraph.*

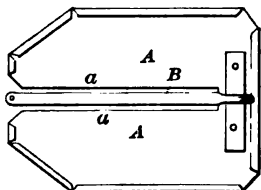


77885—J. H. James—*Buckle.*

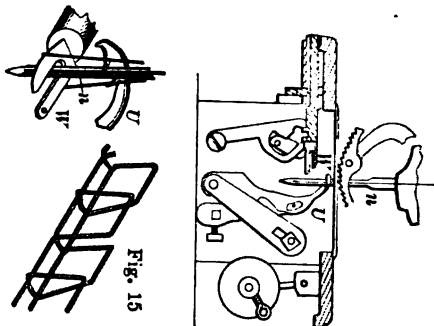


77883—G. W. Hunt—*Sleeping Car.*

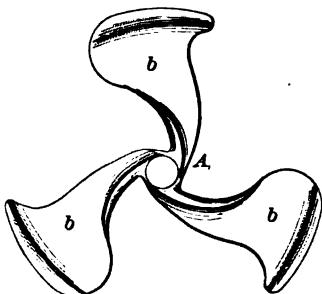
77886—W. J. Keep—Shield for Smoothing Irons.



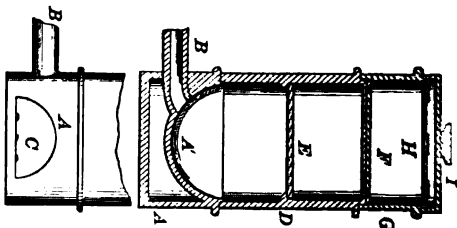
77889—O. C. Kerr—Sewing Machine.



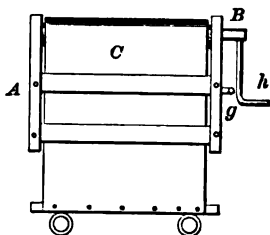
77888—J. E. Kennedy—Propeller.



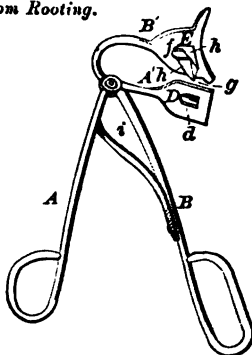
77892—E. I. Kline—Beehive.



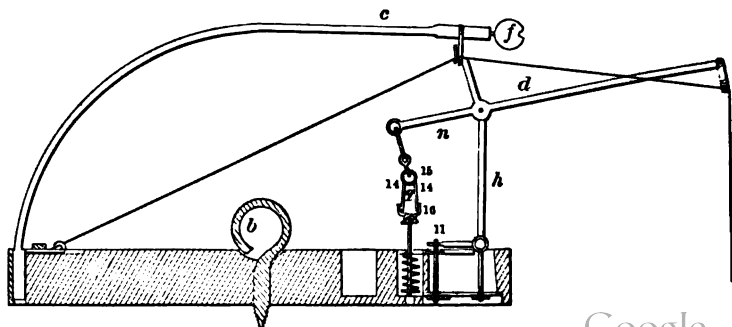
77890—I. Kinman—Curtain Fixture.



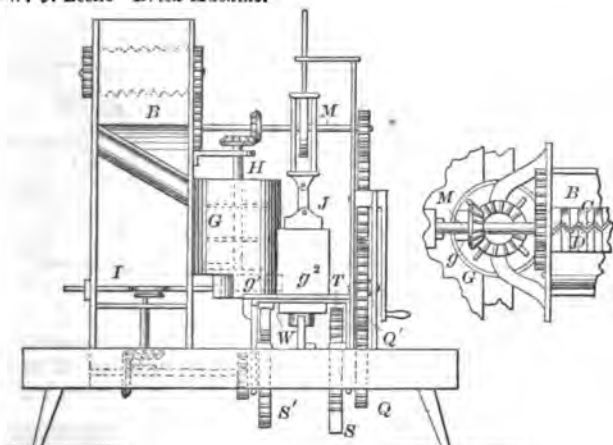
77891—J. D. Kirkpatrick—Preventing Hogs from Rooting.



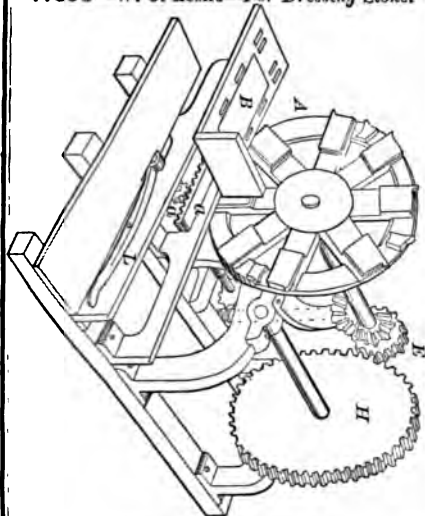
77893—J. Koehler—Fishing Apparatus.



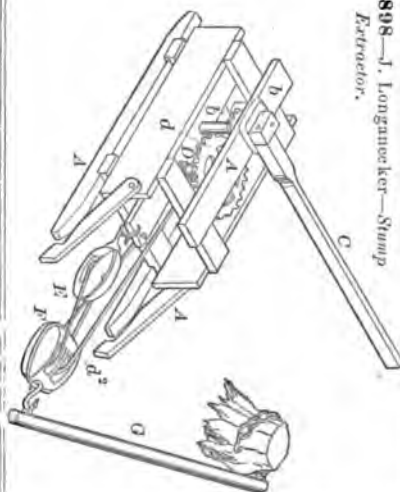
77894—W. O. Leslie—Brick Machine.



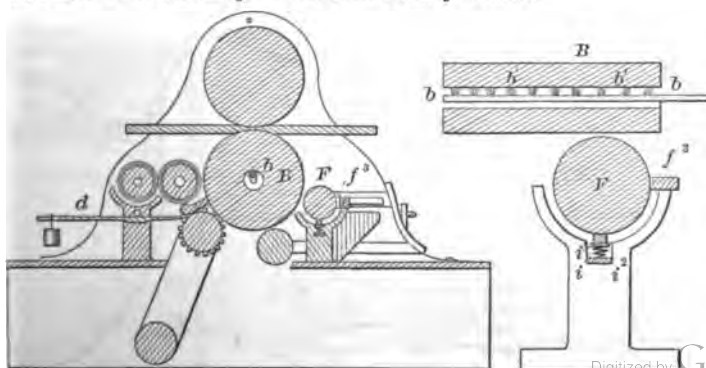
77895—W. O. Leslie—For Dressing Stone.



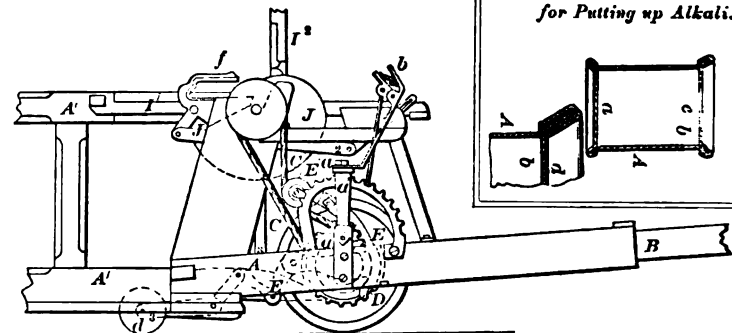
77898—J. Longmeyer—Stump Extractor.



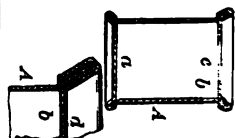
77896—Lewis & Stuart—Cylindrical Plate Printing Machine.



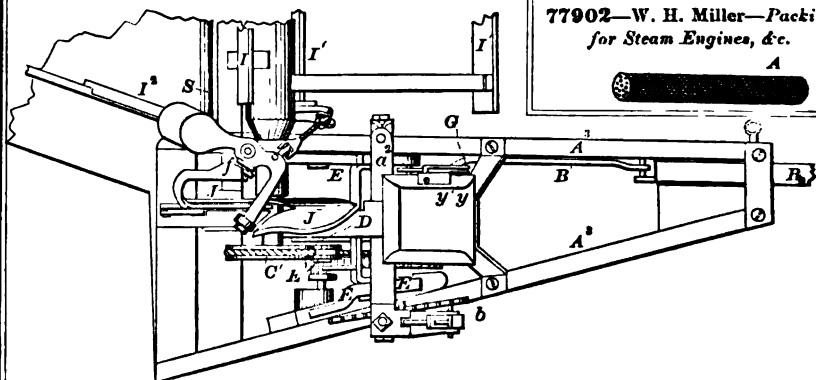
77897—E. I. Leyburn—Harvester.



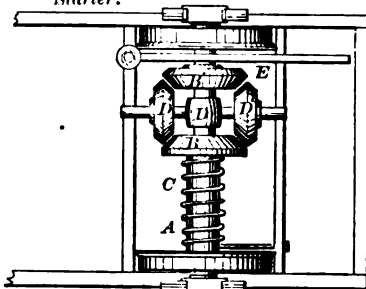
77899—J. McCoy—Metal Case for Putting up Alkali.



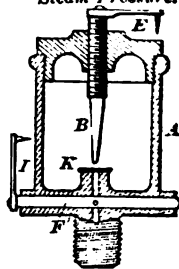
77902—W. H. Miller—Packing for Steam Engines, &c.



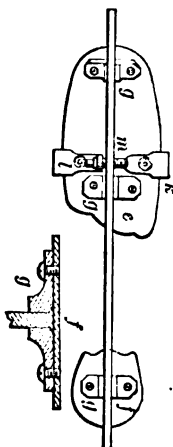
77903—C. D. Moody—Car Brake and Starter.



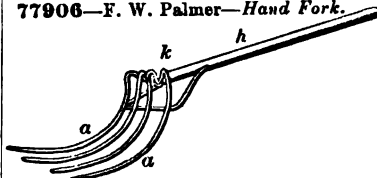
77900—McCullon & Woodcock—Oil Cup for Steam Pressure.



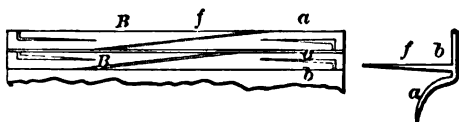
77901—A. T. Mignon—Scale.



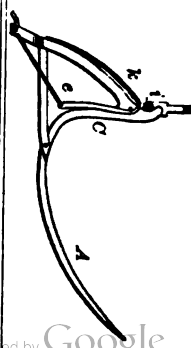
77906—F. W. Palmer—Hand Fork.

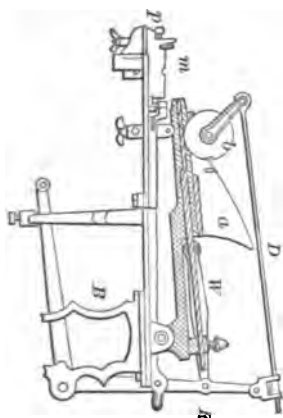


77905—G. Orr—Cutting and Forming Blind Hook Blanks.



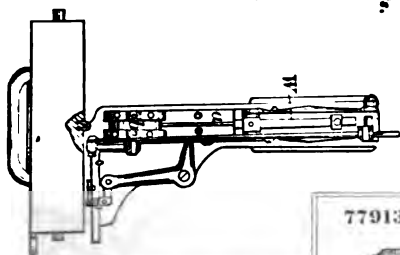
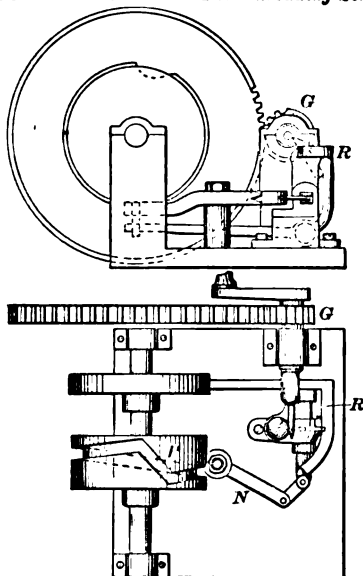
77907—N. Palmer—Horse Hay Fork.





77908—G. Paneko—For Wiring Blind Slate.

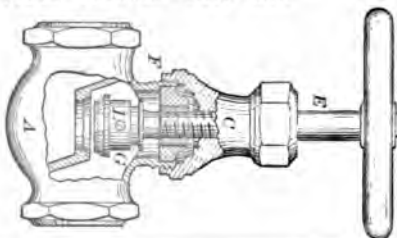
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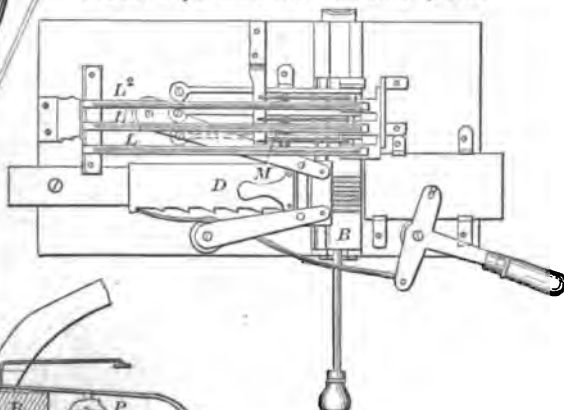
77914—G. Raymond—
Detachable Nose for Bowls.



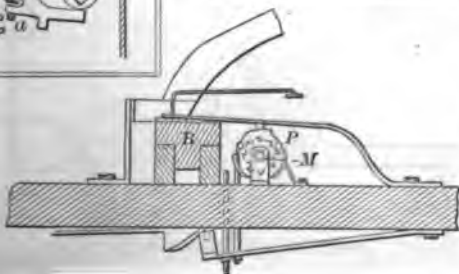
77913—J. Powell—Globe Valve.



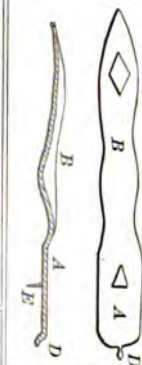
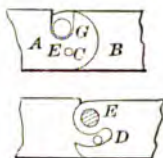
77912—Piper & Bradley—For Sticking Pins.



77909—J. E. Parker—
Reversible Knob Latch.

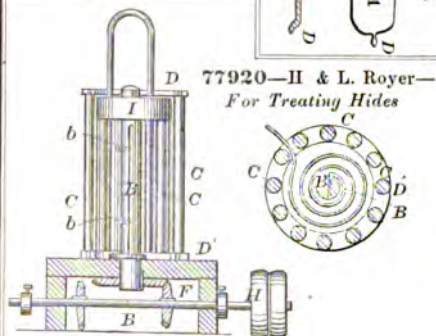
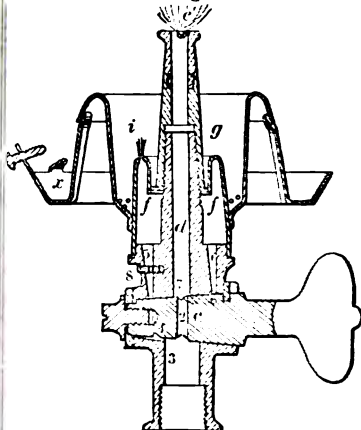


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Shackle Joint.

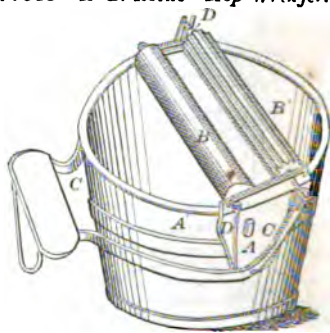


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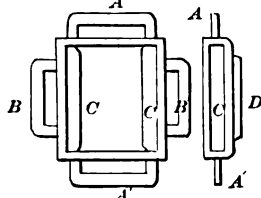
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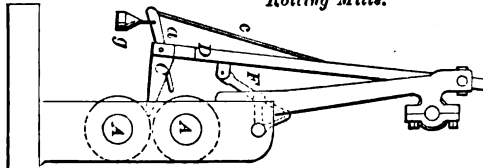
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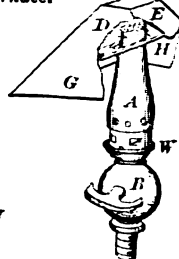
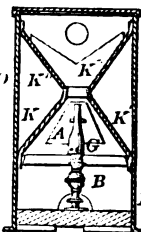
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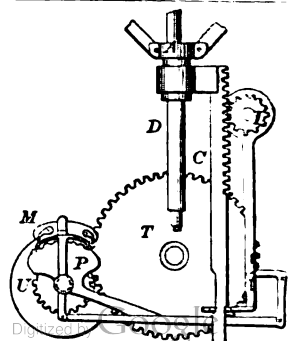
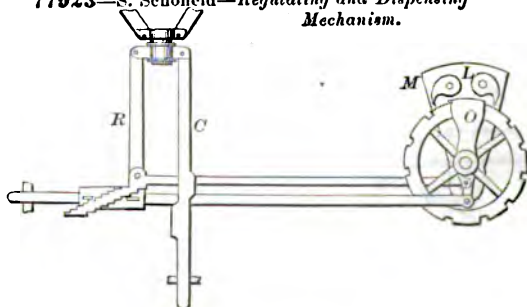
77922—E. Sanford—For Handling Iron in Rolling Mills.



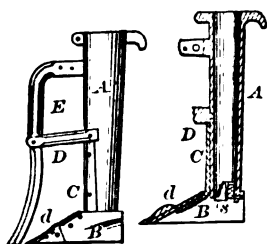
77921—G. O. Sanderson—Soldering Furnace.



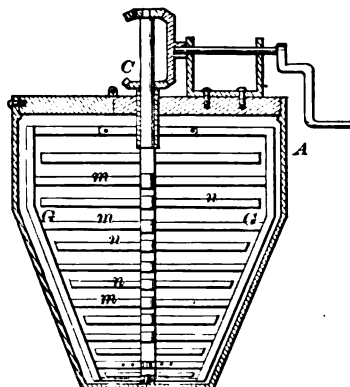
77923—S. Schofield—Regulating and Dispensing Mechanism.



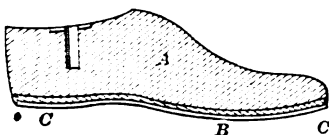
77924—J. H. Shreiner—Grain Drill.



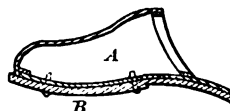
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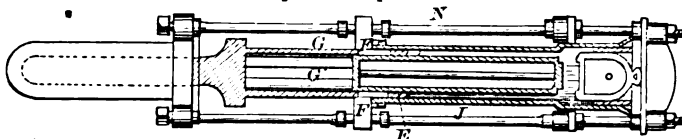
77931—J. H. Swain—Last.



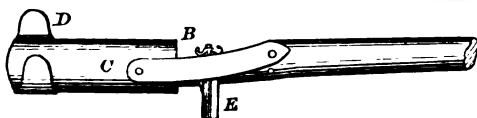
77927—A. G. Smith—Footing and Soling Boots.



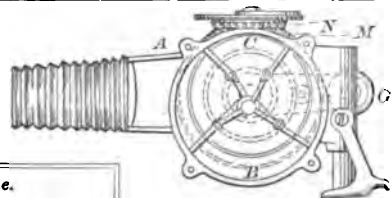
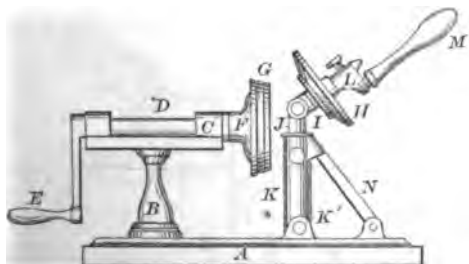
77925—R. Skinner—For Making Drain Pipe.



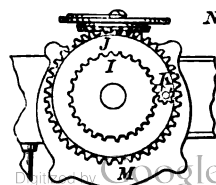
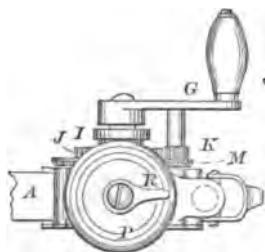
77930—G. H. Stevenson—Ditching Machine.

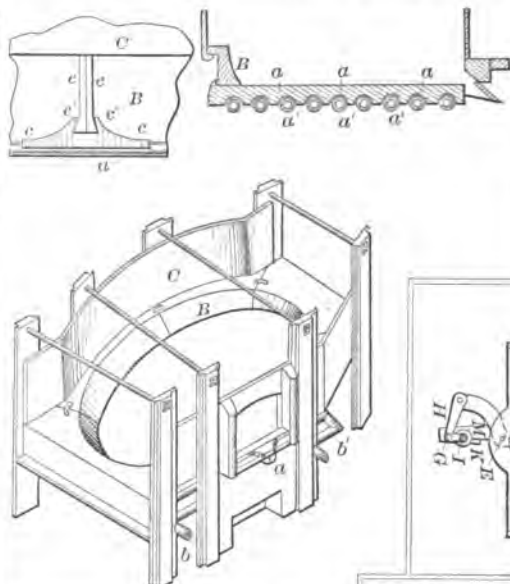
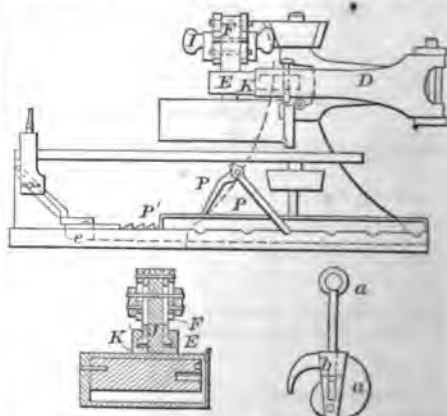
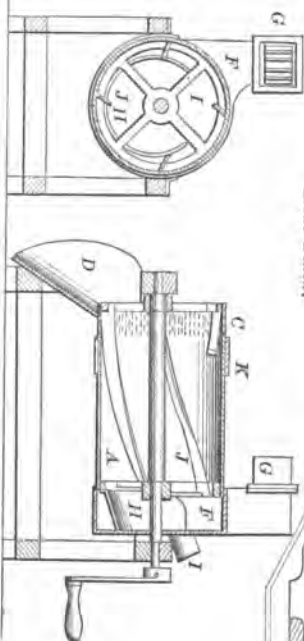
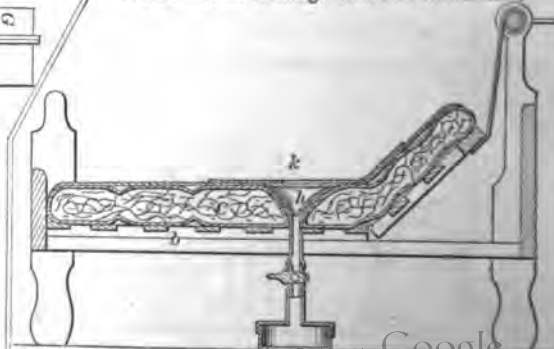


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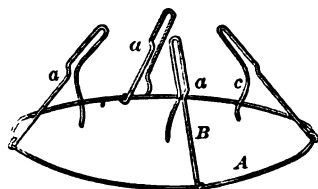


77928 J. D. Smith—Measuring Faucet.

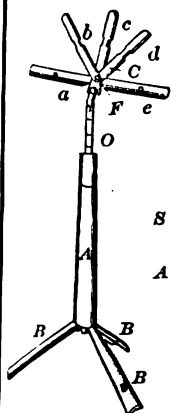
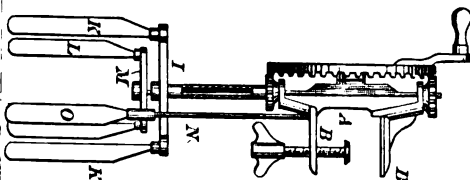


77932—W. Swindell—*Puddling and Boiling Furnace.*77933—G. H. Taylor—*Overhauling Rubbing Machine for Medical Use.*77934—J. W. Thorp—*Tailors' Pressing Machine.*77935—D. H. Turner—*For Cooling and Purifying Bone Black.*77937—S. G. Welling—*Bed Pan Attachment.*

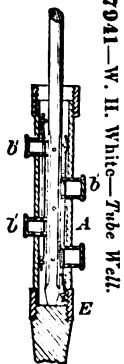
77936—G. Wedekind—Lamp Shade.



77939—E. B. West—Churn Dasher.

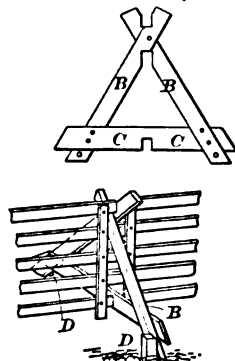


77940—D. M. White—Portable Music Stand.

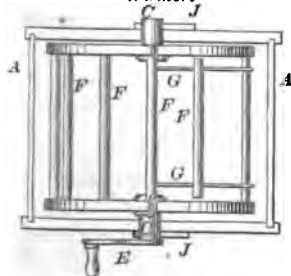


77941—W. H. White—Tube Well.

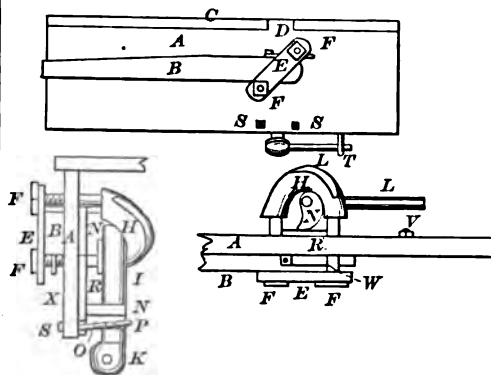
77942—T. B. Wickham—Portable Fence.



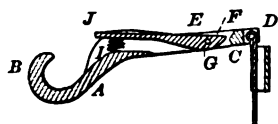
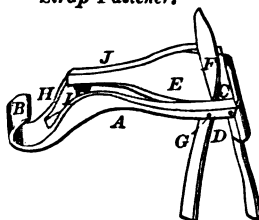
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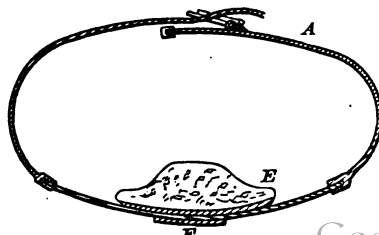
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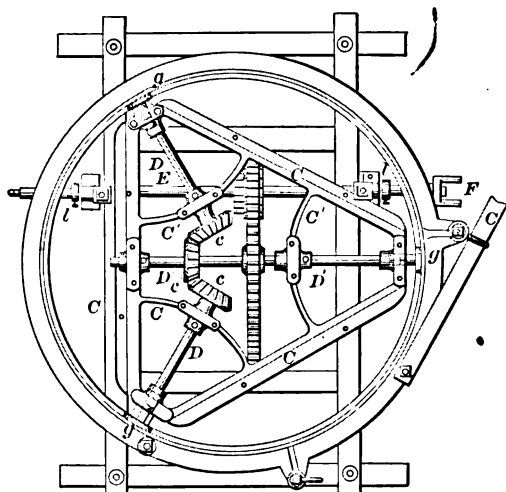
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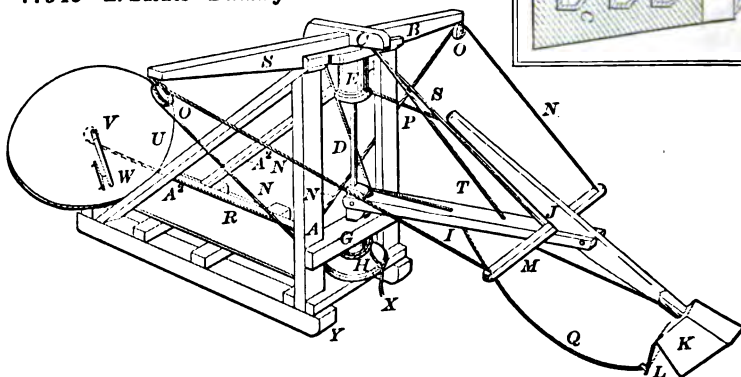
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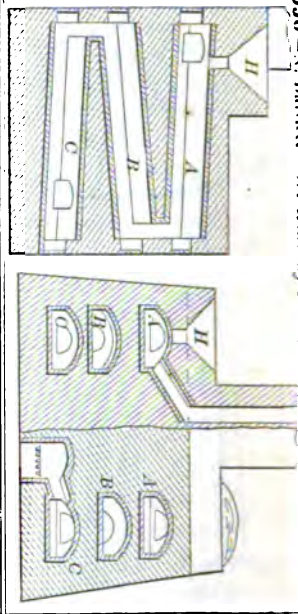
77945—Aldridge & Bedford—Horse Power.



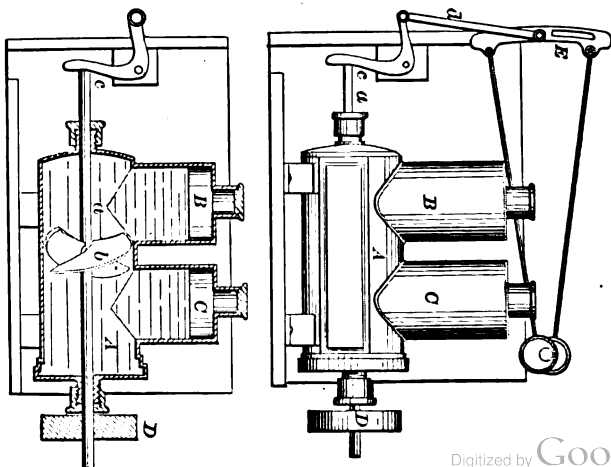
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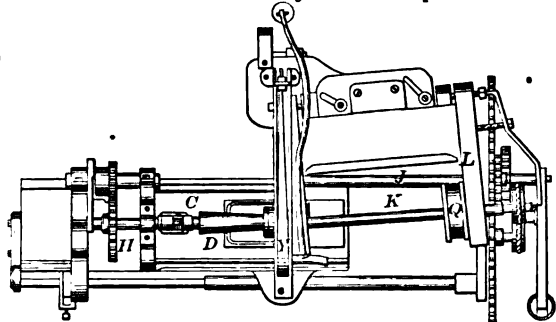
77930—N. Harbitt—The Roasting Furnace.



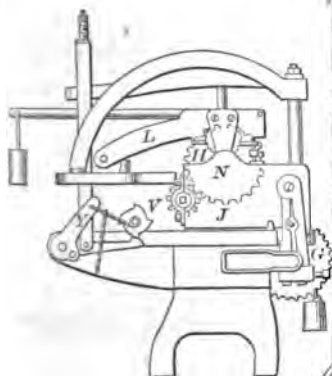
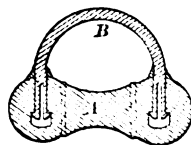
77948—C. H. Bacon—Steam Engine Governor.



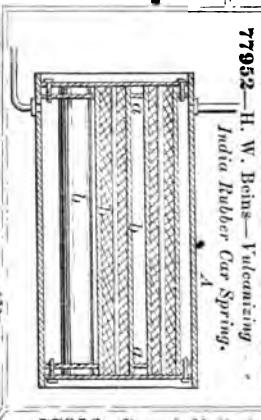
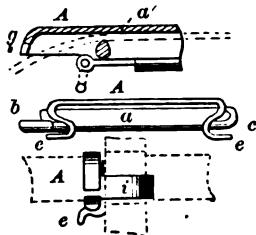
77951—B. F. Bee—For Cutting Eccentric Taps.



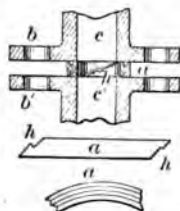
77953—S. Bickerstaff—
Hermetically Closed
Padlock.



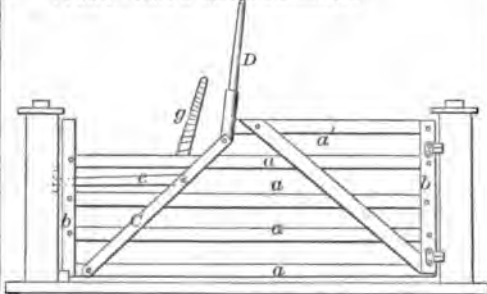
77955—S. P. Burdick—Buckle.



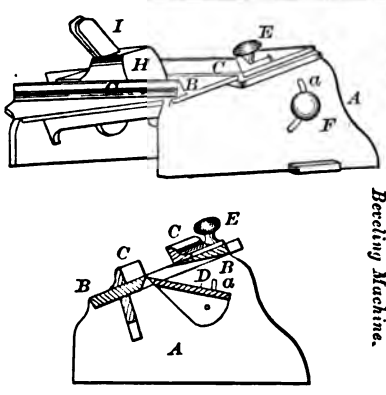
77954—H. Brocard—
Packing for Joints of
Steam Water Pipes.



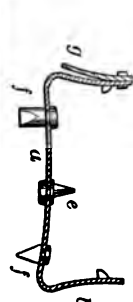
77956—Butz & McFarland—Gate.



77957—O. D. Chapman—Tube Well.

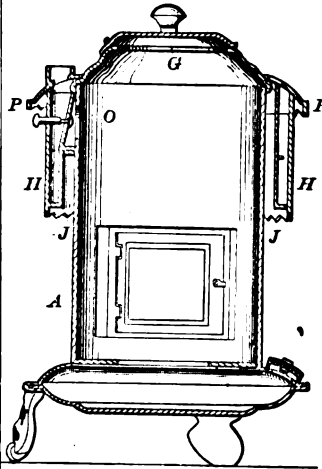


77958—W. P. Chaso—Bookbinder's
Bereing Machine.



77960—G. F. Clemens—Heel Calk.

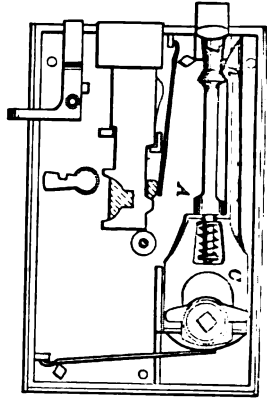
77962—T. Crane—Coal Stove.



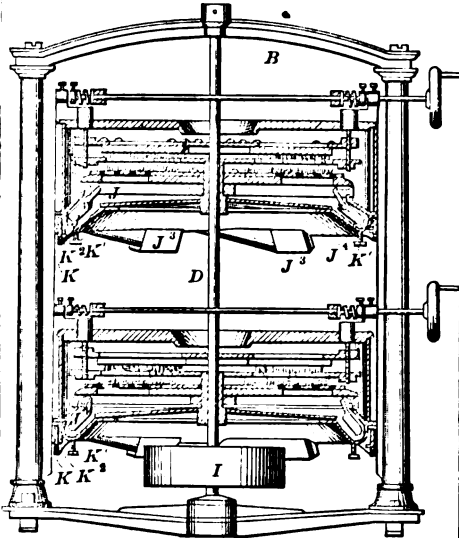
77961—C. C. Comstock—Rug Dog.



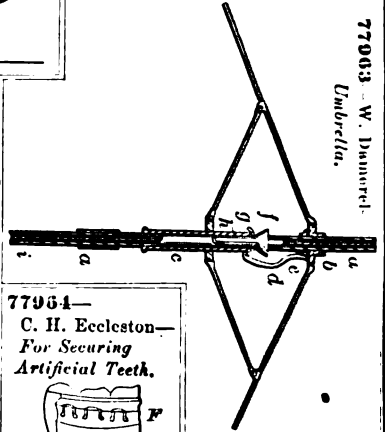
77960—H. F. F. Reversible Knob Latch.



77965—P. T. Elting—Bran Duster.



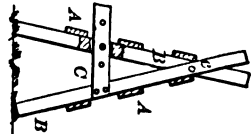
77963—W. Danvers—Umbrella.



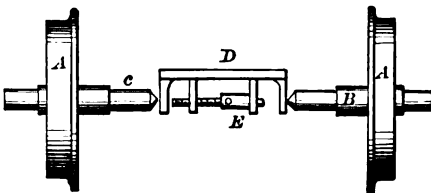
77964—C. H. Eccleston—For Securing Artificial Teeth.



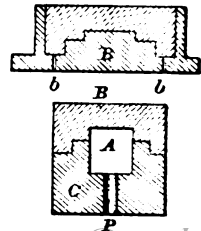
77967—O. J. Everson—Fence.



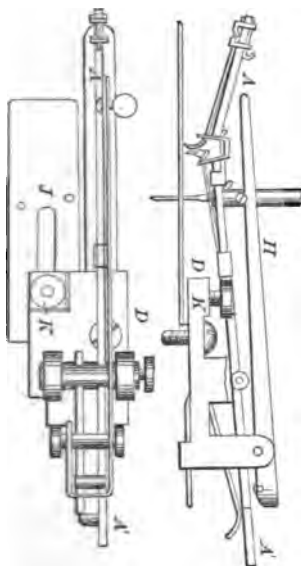
77968—W. B. Fahnestock—Car Axle.



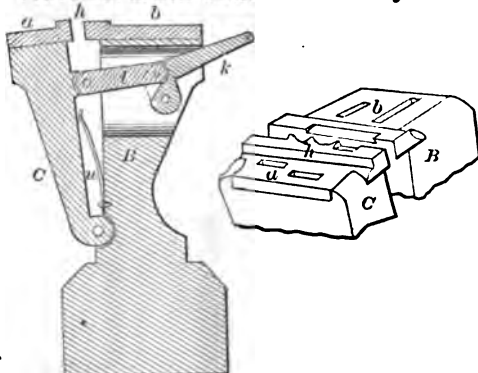
77969—Felthoff & Tingley—Mould for Making Drain Tiles.



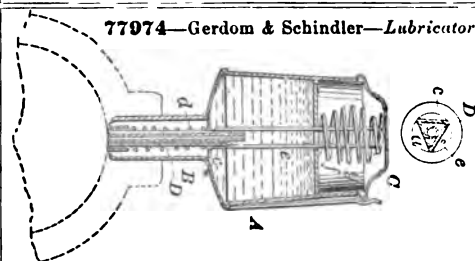
77972—H. W. Fuller—Greasing Apparatus for Sowing Machines.



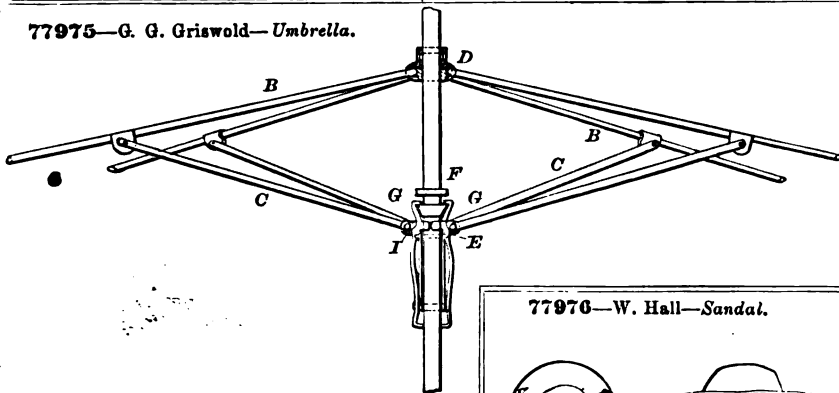
77973—G. L. Gerald—Horse Shoe Calking Vise.



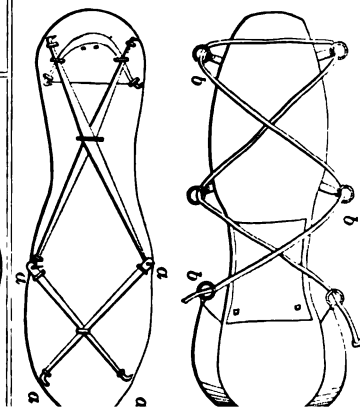
77974—Gerdorn & Schindler—Lubricator.



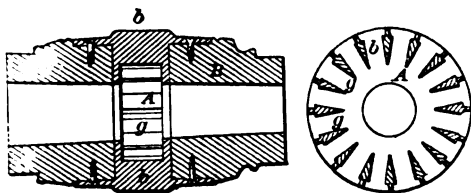
77975—G. G. Griswold—Umbrella.



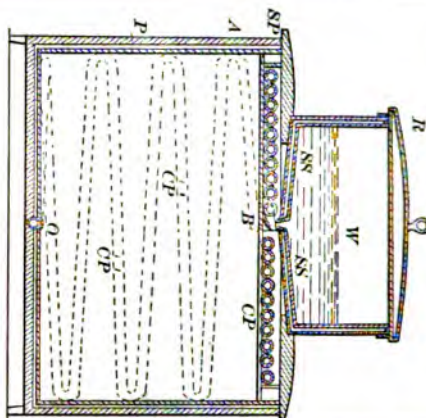
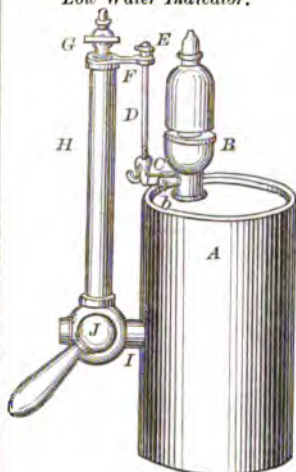
77976—W. Hall—Sandal.



77977—H. D. Haraden—Carriage Wheel Hub.

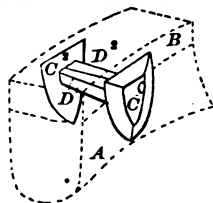


77978—Hargrave & Charlton—
Low Water Indicator.

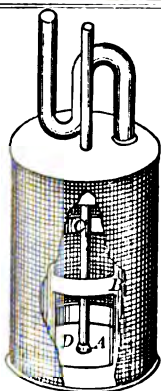
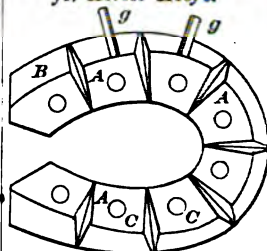


77980—J. H. Hollingsworth—Refrigerator.

77981—W. H. Hovey—
Securing Tires to Wheels.

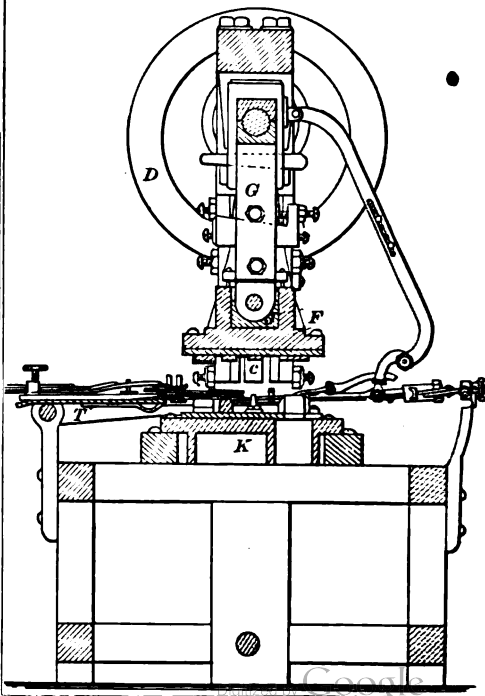


77979—J. Haseltine—Pad
for Horses' Hoofs.

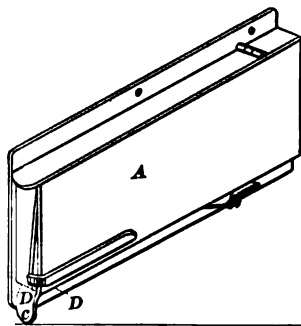
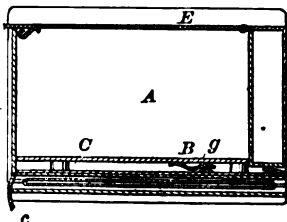


77982—Hunt & Knight—For Collecting
Gases.

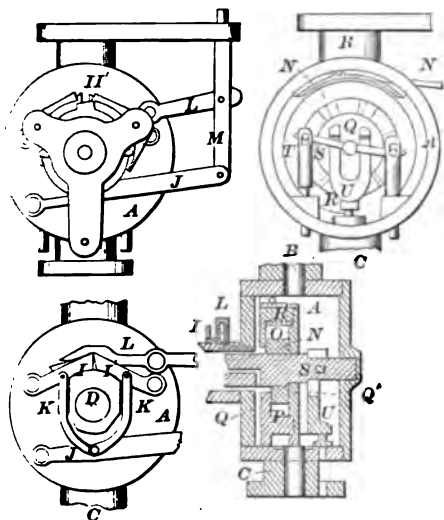
77985—W. H. Johnson—Cutting Machine.



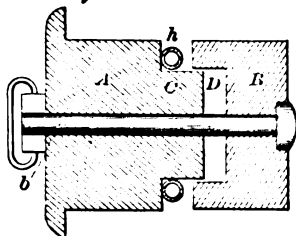
77984—M. Jincks—Match Safe.



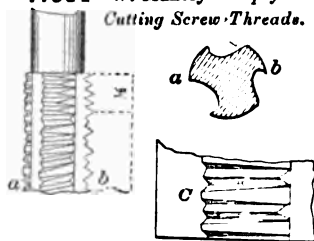
77986—A. Kendall—Cut-off Valve Gear.



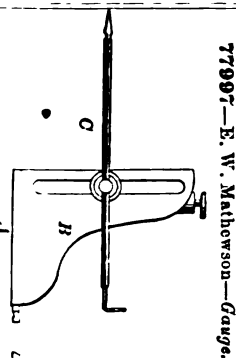
77988—T. T. S. Laidley—Tompson for Fire Arms.



77994—W. Mantey—Tap for Cutting Screw Threads.

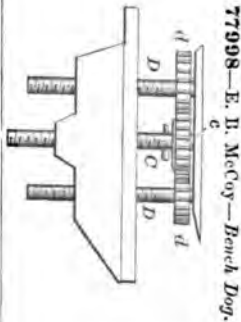
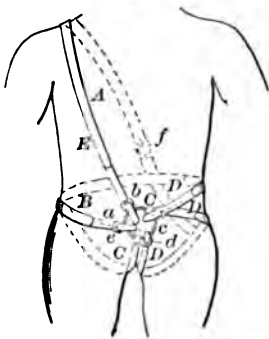


77989—H. O. Lothrop—Steam Engine.

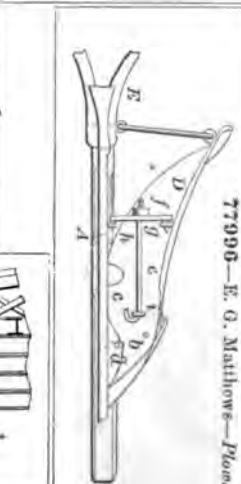


77997—E. W. Mathewson—Gauge.

77999—J. McFadden—Truss Supporter.



77998—E. H. McCoy—Bench Dog.

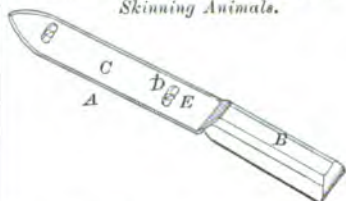


77996—E. G. Mathewson—Plan.

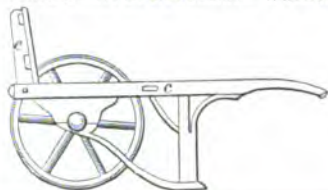
78000—R. S. Merrill—Bridge.



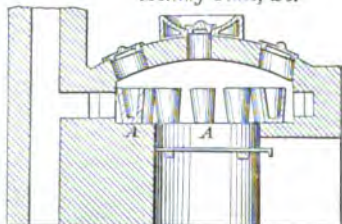
78002—G. W. Myers—*Knife for Skinning Animals.*



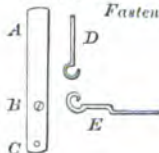
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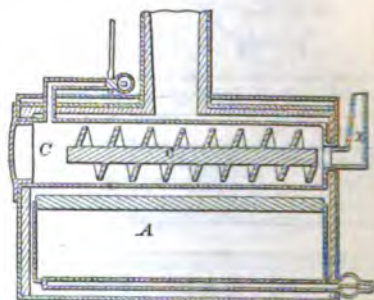
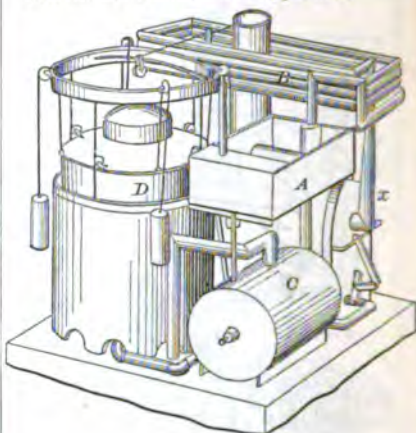
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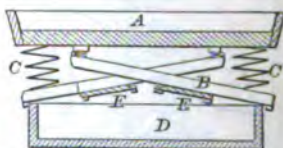
78004—J. M. Peirce—*Blind Slot Fastening.*



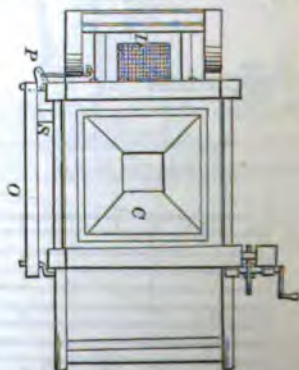
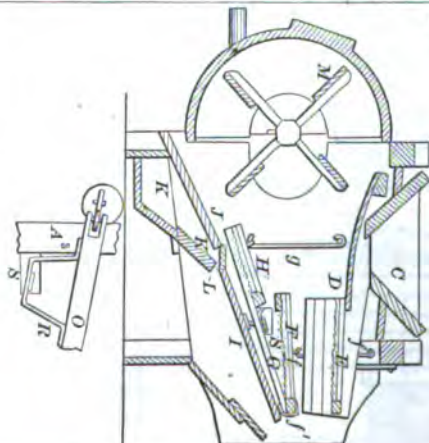
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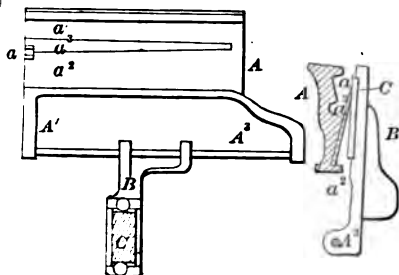
78009—A. Reichert—*Spring Wagon Seat.*



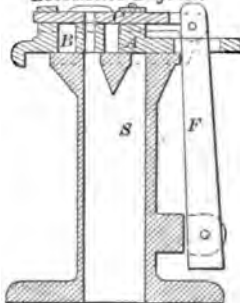
78008—Ray & Leigh—*Fanning Mill.*



78010—C. H. Reynolds—*Knife Sharpener.*



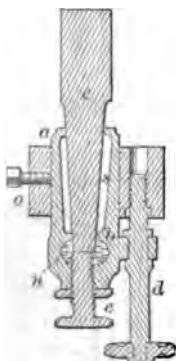
78012—G. Richards—*Throttle Valve for Locomotive Engines.*



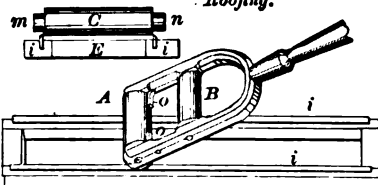
78011—E. D. & J. P. Rhoads—*Trace Fastener.*



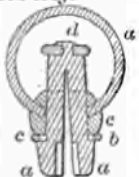
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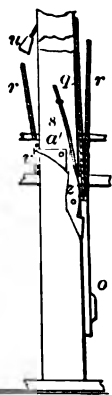
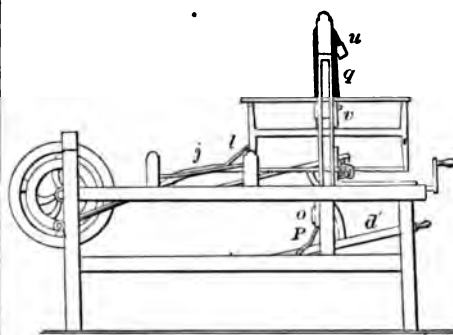
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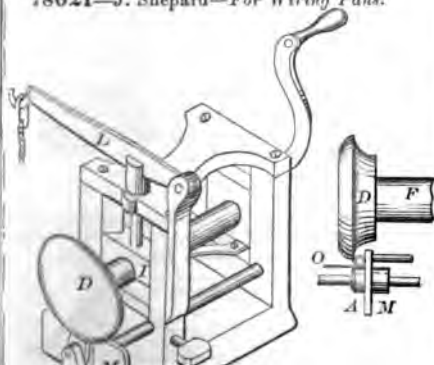
78020—E. C. Rye—*Watch, Clock and Lock Key.*



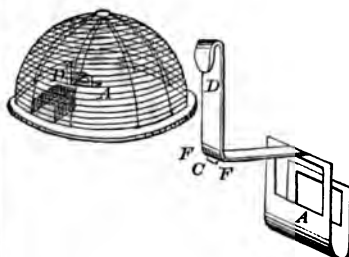
78019—A. E. Ross—*Sawing Machine.*



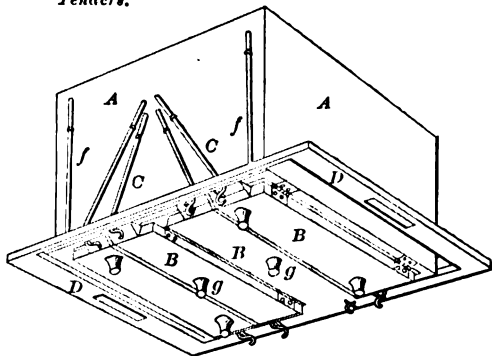
78021—J. Shepard—*For Wiring Pans.*



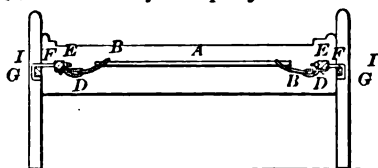
78015—T. L. Rivers—*Animal Trap.*



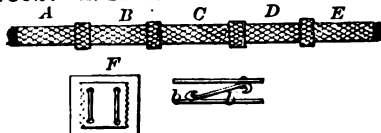
78022—A. D. Smith—Loader for Locomotive Tenders.



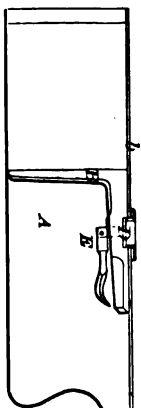
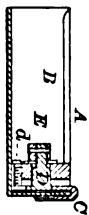
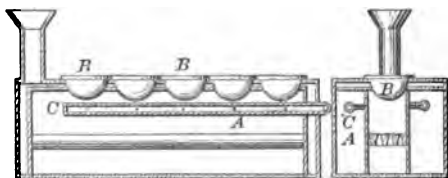
78026—J. C. Taylor—Spring Bed Bottom.



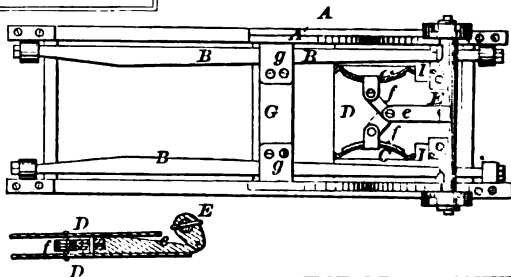
78027—E. Thomas—Necktie.



78028—J. M. Thompson—Evaporator.



78033—J. L. Wilt—Composing Stick.

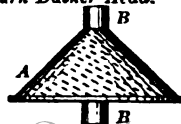


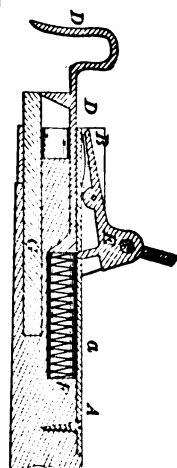
78030—C. S. Tyson—Gun Carriage.

78032—E. Wadhams—Metallic Tag for Straps.



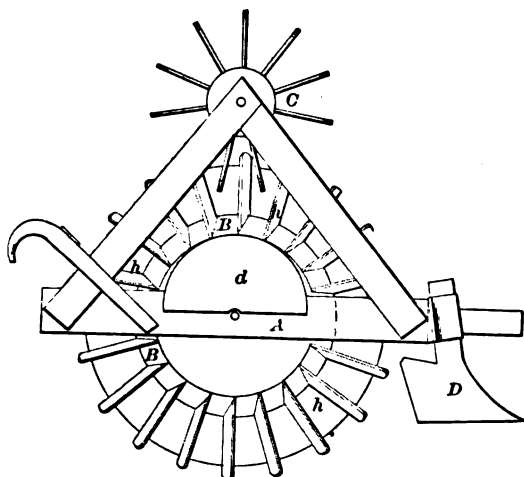
78025—B. F. & A. H. Stover—Churn Dasher Head.



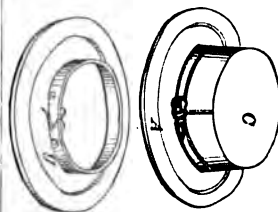


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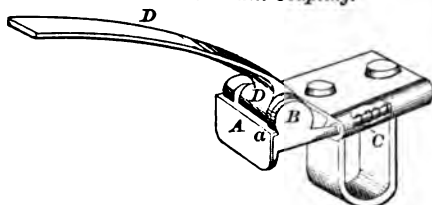
78031—Vaughn & Chinnest—Shovel Pile.



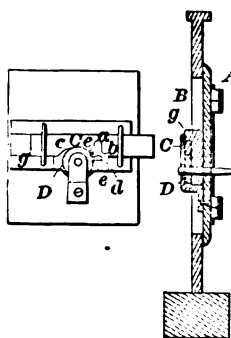
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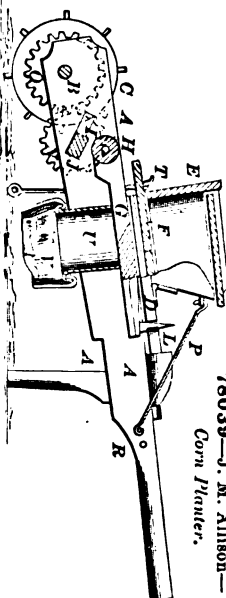
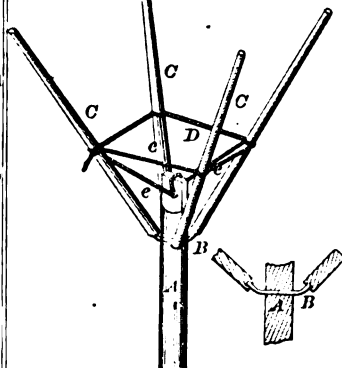
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78038—L. L. Wooley—Door Lock.

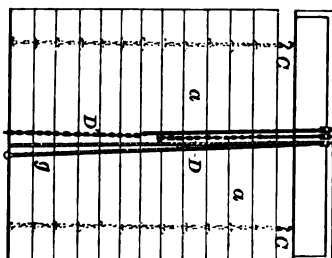


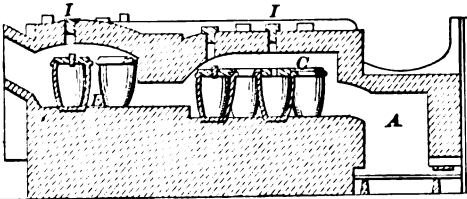
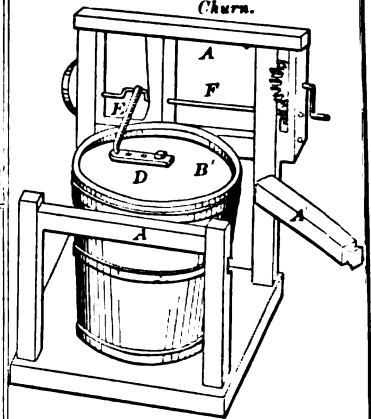
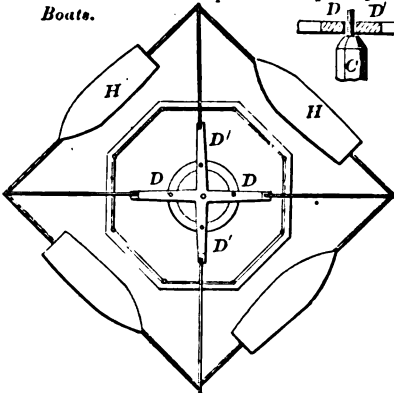
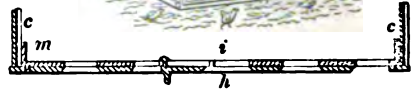
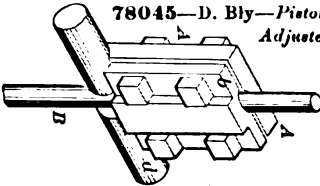
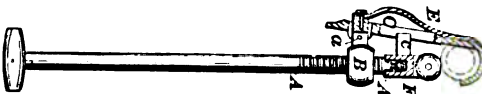
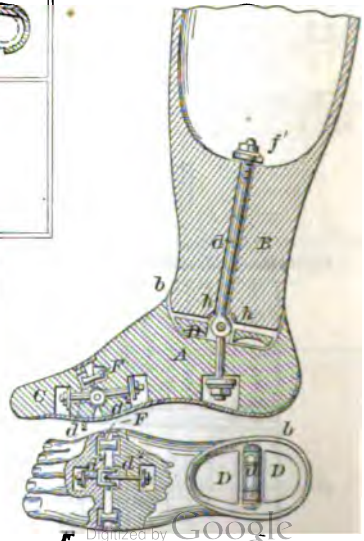
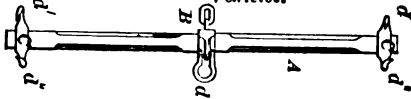
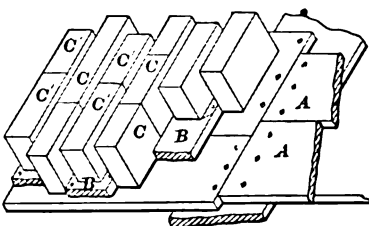
78037—D. F. Wilcox—Hop Pole.



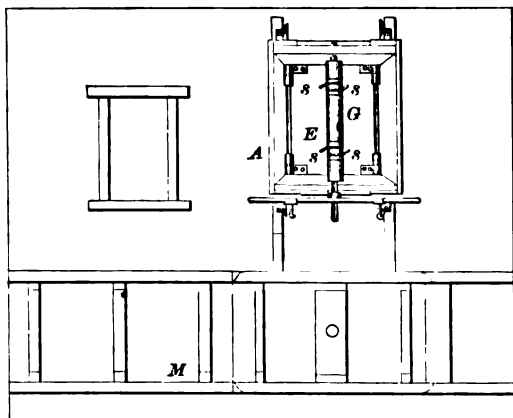
78039—J. M. Allison—Corn Planter.

78040—Andresen & Asbahr—Venetian Blind.

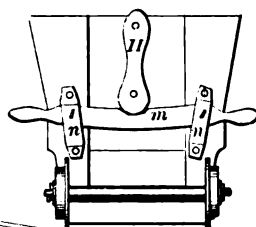
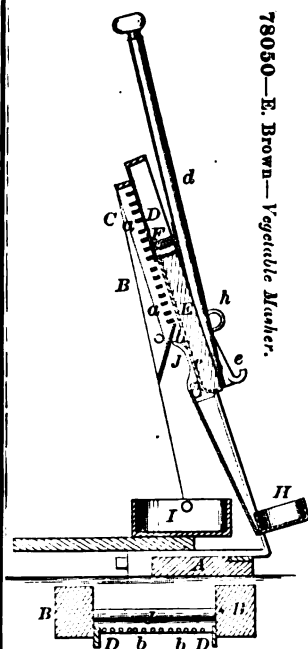


78041—F. Asthower—Manufacture of Steel.**78042—Bartholomew & Dinsmore—Churn.****78043—J. O. Belknap—For Propelling Pleasure Bouts.****78044—S. S. Bent—Chicken Coop.****78045—D. Bly—Piston Rod Adjuster.****78047—J. L. Brierly—Pipe Wrench and Cutter.****78048—R. Briody—Artificial Limb.****78049—W. P. Brooks—Draught Attachment for Vehicles.****78046—W. W. Boyington—Pavement.**

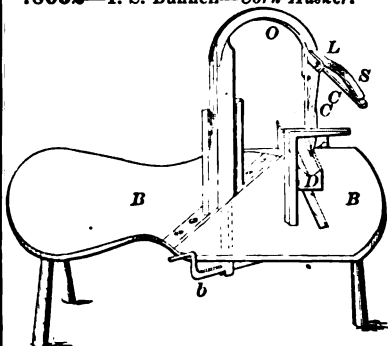
78051—J. Bundy—Peat Car.



78050—E. Brown—Vegetable Masher.



78052—I. S. Bunnell—Corn Husker.



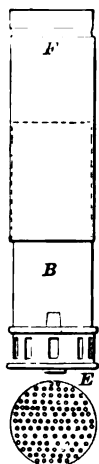
78056—W. B. Cargill—Corset Fastening.



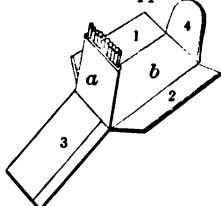
78057—D. M. Church—Sewing Machine Shuttle.



78053—C. Burnham—Gas Heater.



78059—J. Clarke—Needle Wrapper.

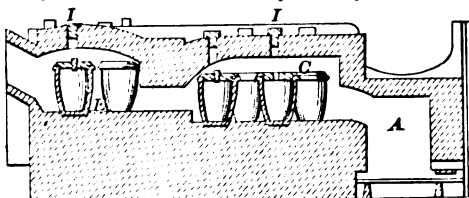
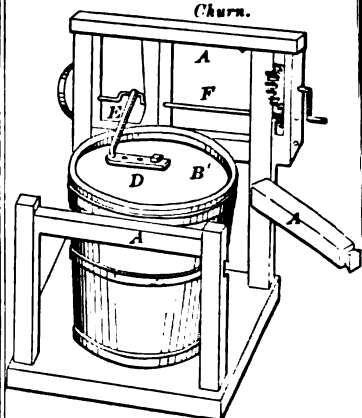
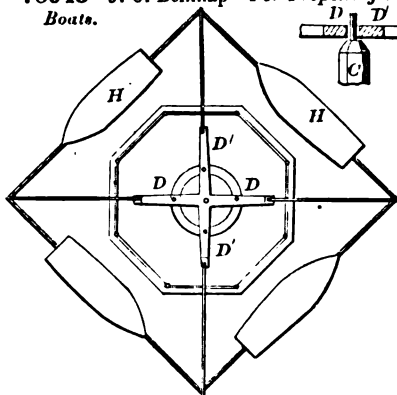
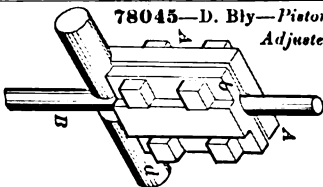
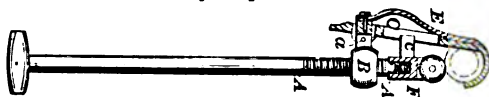
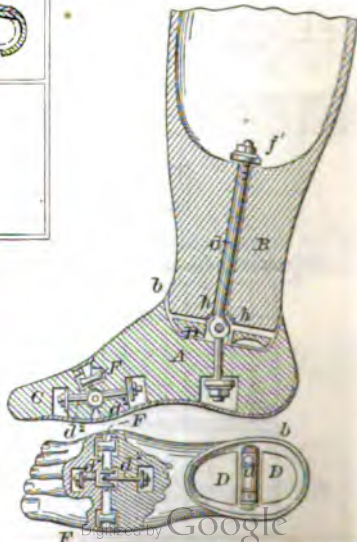
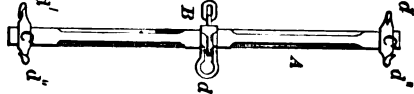
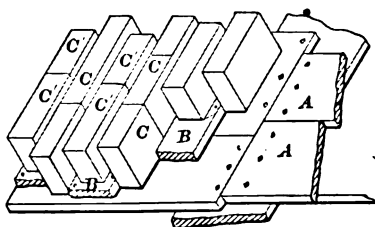


78054—E. P. H. Capron—Road Scraper.

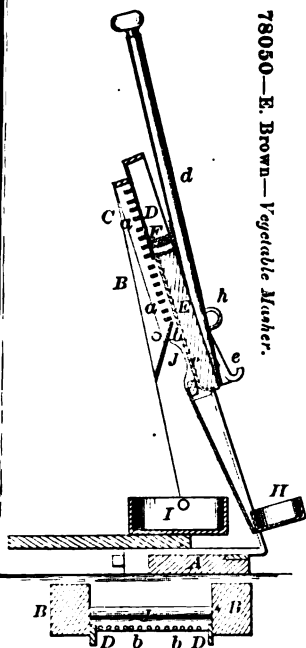


78055—A. Carbow—Bolt Cutter.

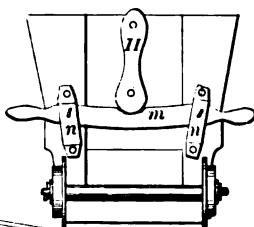
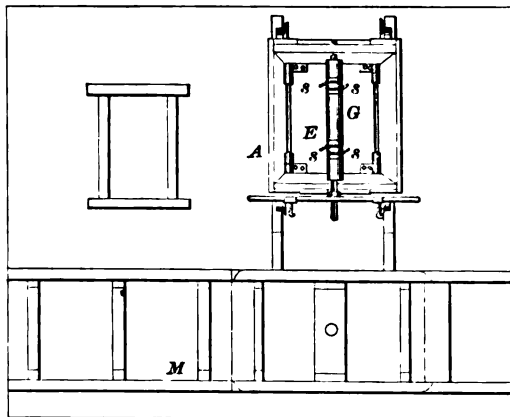


78041—F. Asthower—Manufacture of Steel.**78042—Bartholomew & Dinsmore—Churn.****78043—J. O. Belknap—For Propelling Pleasure Bouts.****78044—S. S. Bent—Chicken Coop.****78045—D. Bly—Piston Rod Adjuster.****78047—J. L. Brierly—Pipe Wrench and Cutter.****78048—R. Briody—Artificial Limb.****78049—W. P. Brooks—Draught Attachment for Vehicles.****78046—W. W. Boyington—Pavement.**

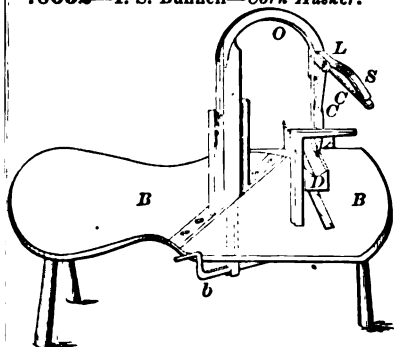
78050—E. Brown—Vegetable Masher.



78051—J. Bundy—Peat Car.



78052—I. S. Bunnell—Corn Husker.



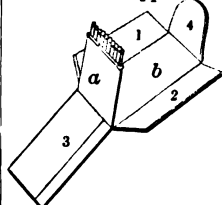
78056—W. B. Cargill—Corset Fastening.



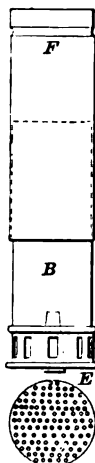
78057—D. M. Church—Sewing Machine Shuttle.



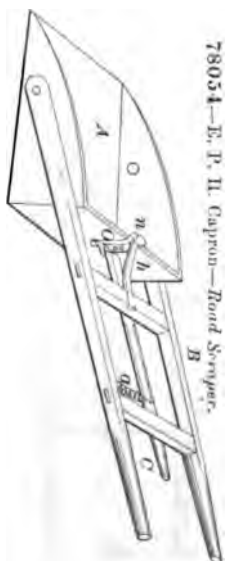
78059—J. Clarke—Needle Wrapper.



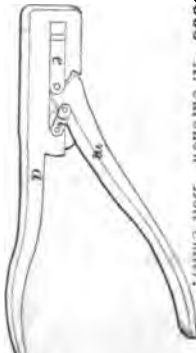
78053—C. Burnham—Gas Heater.

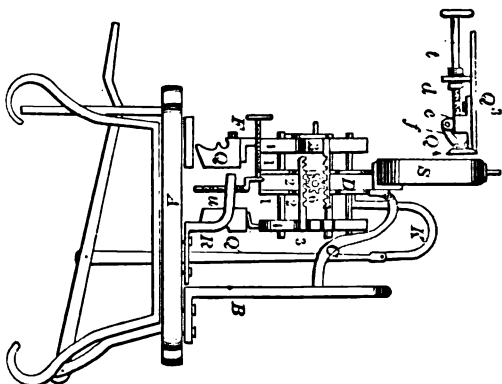
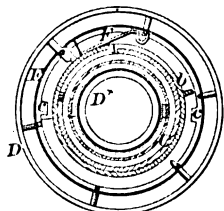
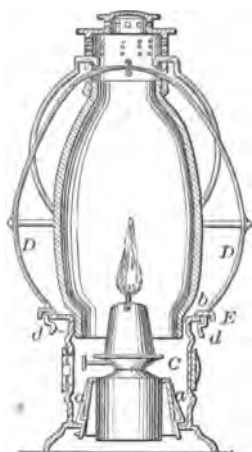
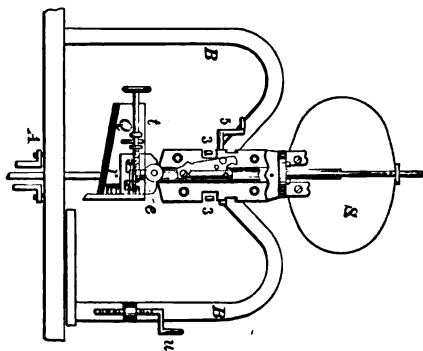
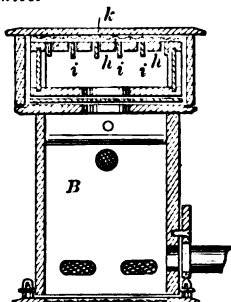
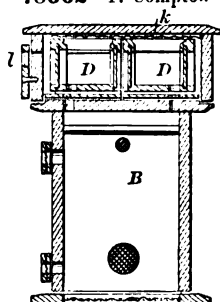
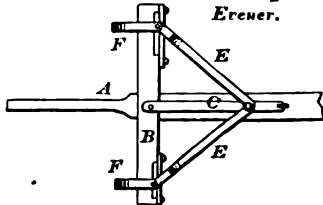
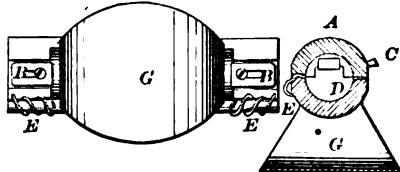
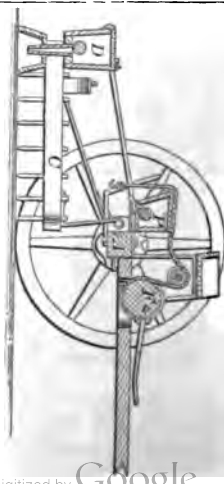
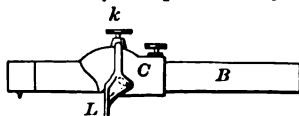


78054—E. P. H. Capron—Bond Squeegee.

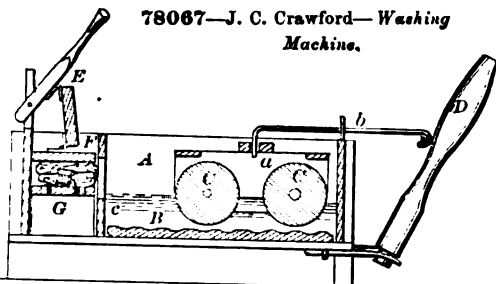


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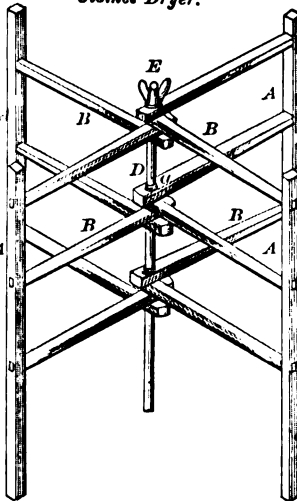


78058—P. J. Clark—
Lantern.78060—W. K. Cobb—*Tenoning Machine.*78062—P. Compton—*Beehive.*78064—F. N. Corbin—*Whiffletree
Erener.*78063—D. T. Conde—*Sad Iron Holder.*78065—F. W. Coy—*Carpenters' Gauge.*78066—E. F. Crawford—*Reaper and Cultivator.*

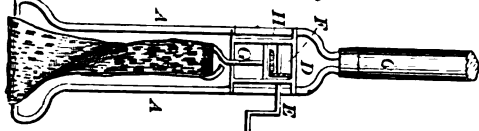
78067—J. C. Crawford—*Washing Machine.*



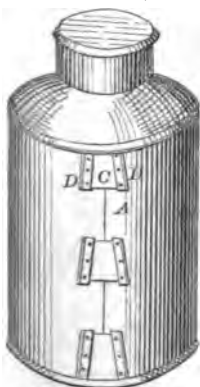
78069—J. D. Davenport—*Clothes Dryer.*



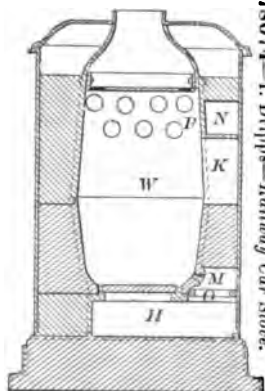
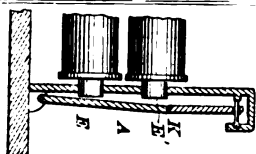
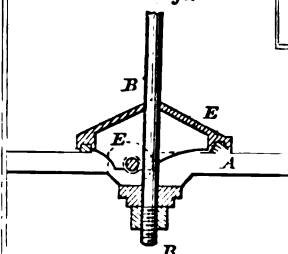
78071—A. J. Davis—*Mop Wringer.*



78072—J. E. Dean—*Milk Can.*

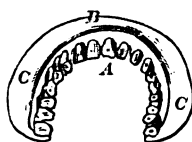


78073—Denmead & Bollman—*Bridge.*

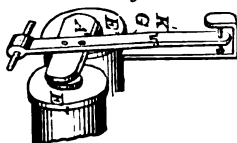


78074—L. Driggs—*Railway Car Store.*

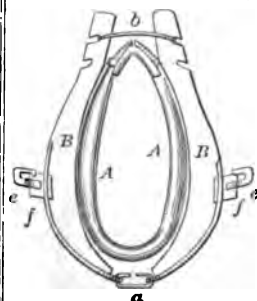
78070—V. R. David—*Inserting Artificial Teeth.*



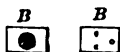
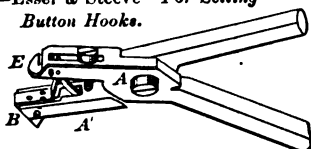
78076—C. Durant—*Relay Magnet.*

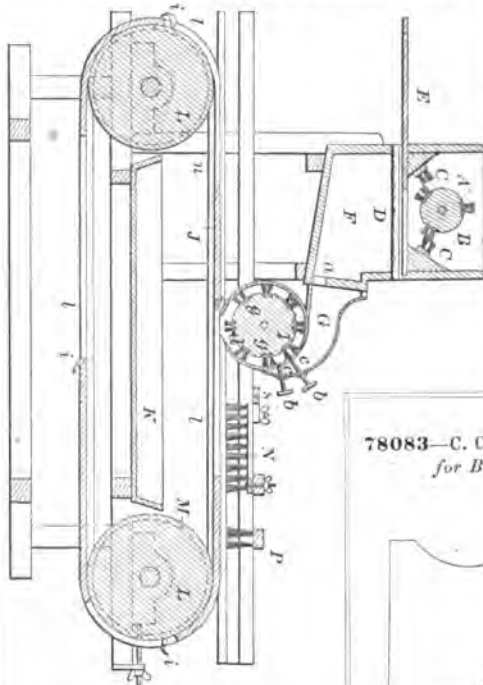
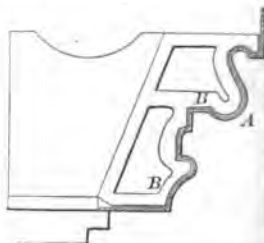
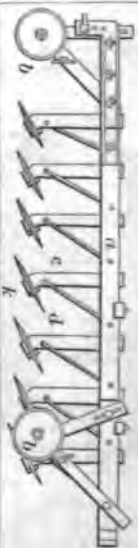
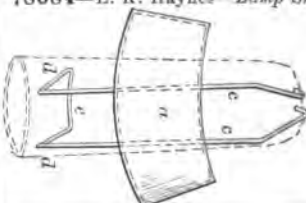
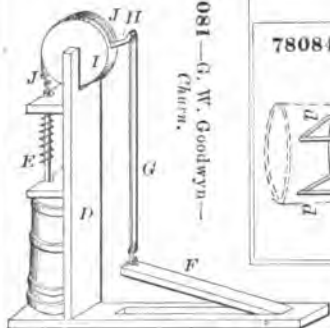
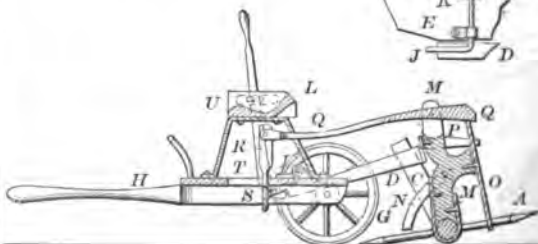
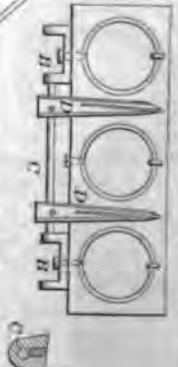


78075—A. Dunbar—*Horse Collar and Hames.*

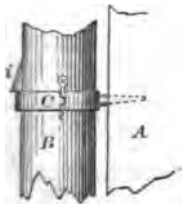


78077—Esser & Stoeve—*For Setting Button Hooks.*

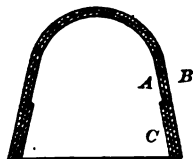


78079—M. H. Gardner—*For Enameling Paper.*78082—S. L. Gray—*Harness for Vicious Horses.*78083—C. C. Haro—*Cornice for Buildings.*78080—H. A. Gaston—*Cultivator.*78084—E. K. Haynes—*Lamp Shade.*78081—G. W. Goodwyn—*Chair.*78086—W. A. Heuth—*Hay Rake.*78095—F. Haythorn—*Spinning Frame.*

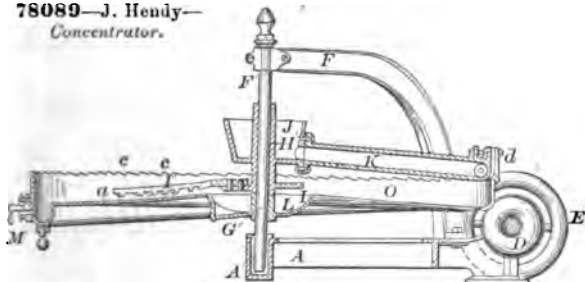
78087—G. A. Hein—Water Spout Fastening.



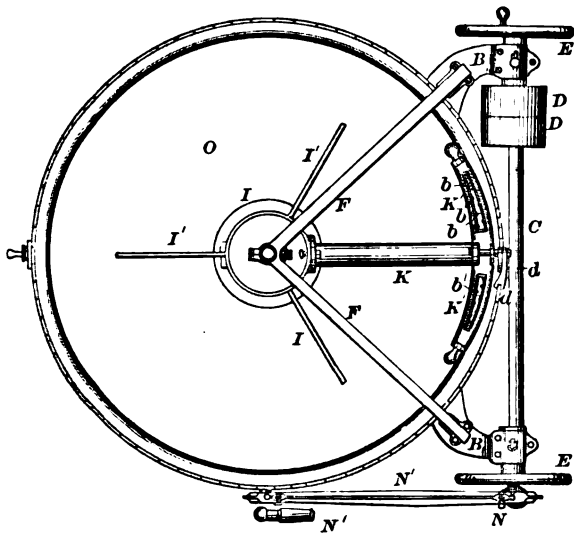
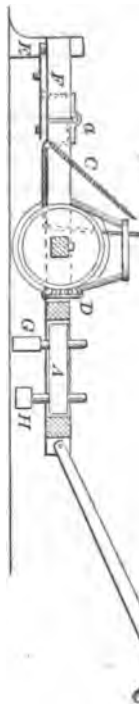
78090—R. D. Hine—Facing Wool Hat Bodies with Fur.



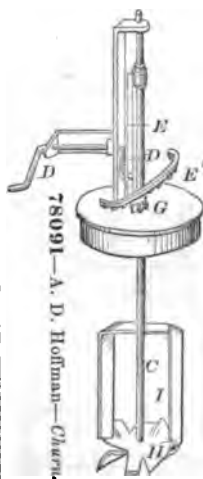
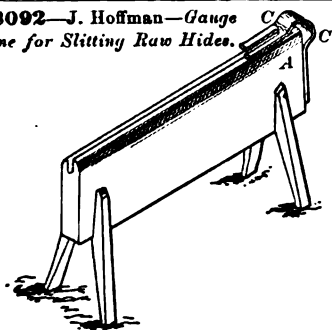
78089—J. Hendy—Concentrator.



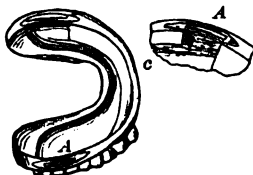
78088—L. Henderson—Cotton Cultivator.

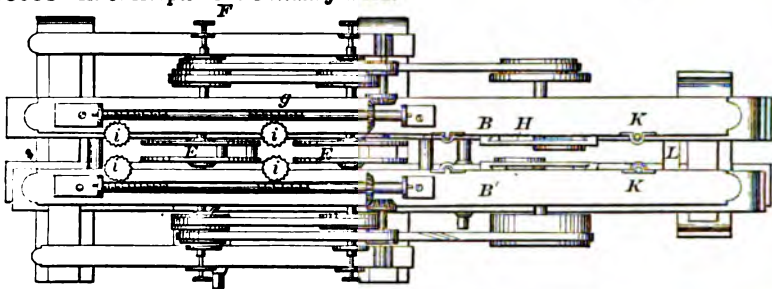
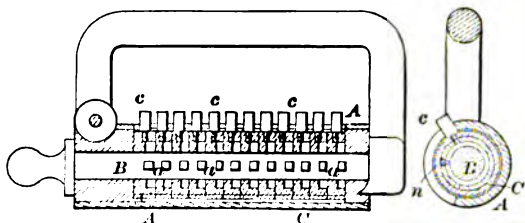
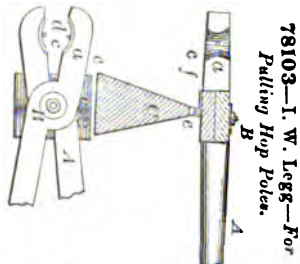
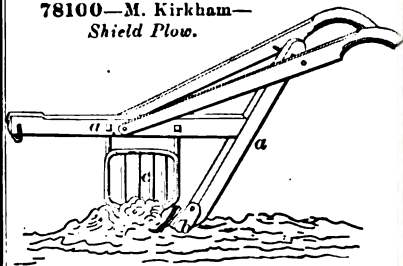
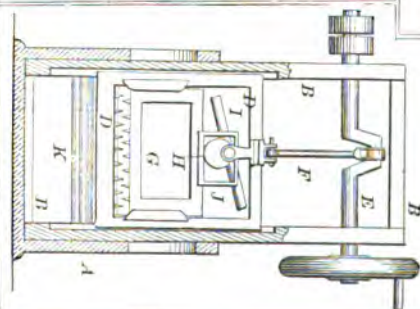
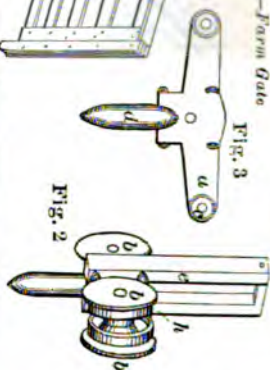
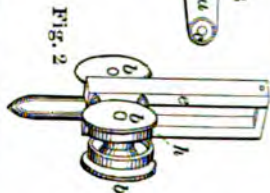
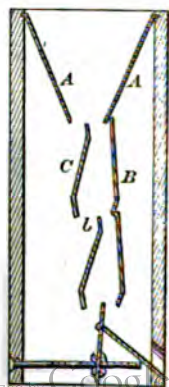


78092—J. Hoffman—Gauge Frame for Slitting Raw Hides.

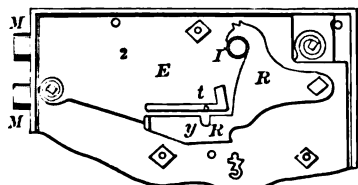
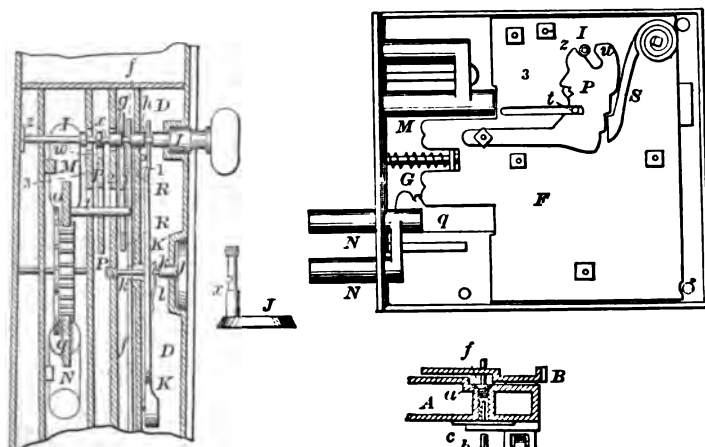


78094—I. A. Horn—Plate for Artificial Teeth.

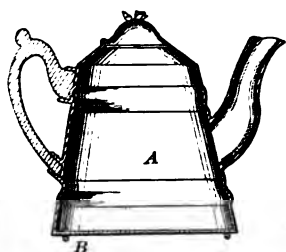


78093—H. O. Hooper—For Polishing Wood.**78097—G. Kaiser—Permutation Lock.****78100—M. Kirkham—
Shield Plow.****78103—I. W. Leese—For
Pulling Hop Poles.****78098—J. F. Keeler—Scale Beam.****78102—L. F. Lannay—
For Washing Brushes****78095—V. B. W. Horton—Farm Gate****Fig. 3****Fig. 2****78099—C. F. Keller—For Taking Toll in
Gate Mills.**

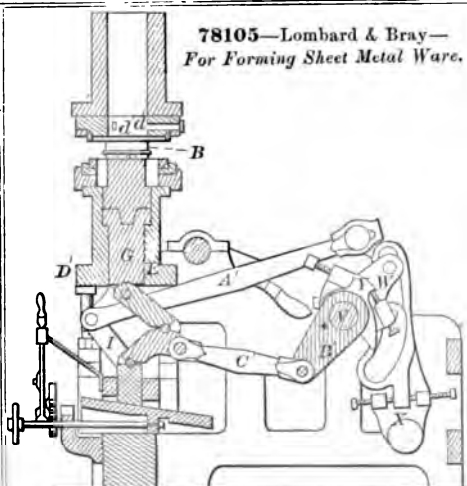
78101—J. G. Kriechbaum—*Safe Door Lock.*



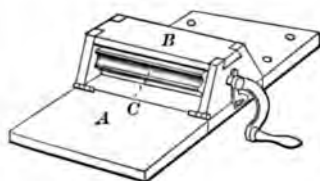
78104—L. Lehmann—*Tin Ware.*



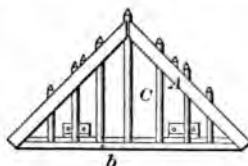
78105—Lombard & Bray—*For Forming Sheet Metal Ware.*



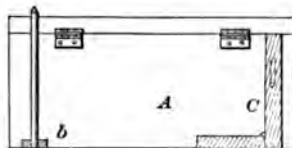
78106—S. H. Lombard—*Dough Kneader.*



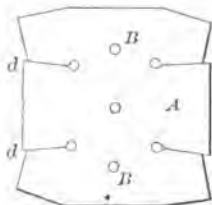
78109—J. H. Mabbett—*Chicken Coop.*



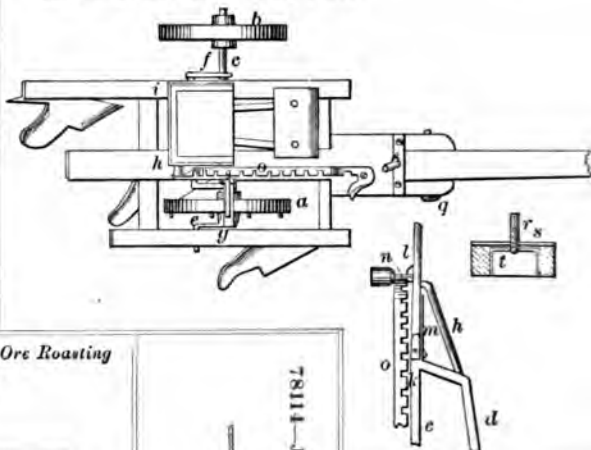
78107—J. Lorenz—*Organ Pipe.*



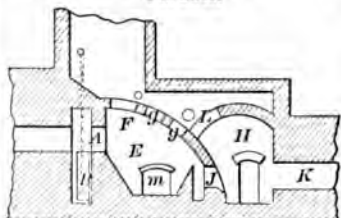
78110—O. Macdaniel—
Fruit Basket.



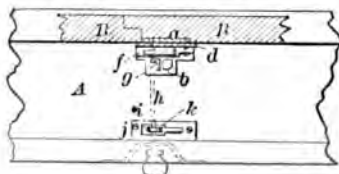
78111—G. W. Manuel—Gang Plane.



78113—C. Mellinger—Ore Roasting
Furnace.



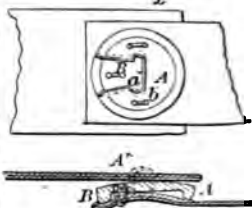
78115—W. J. Miller—Sash and
Shutter Fastening.



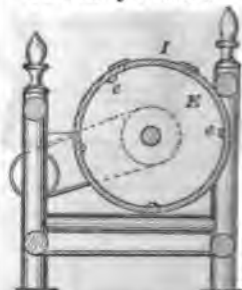
78114—J. Milholland—Horse Hay Fork.



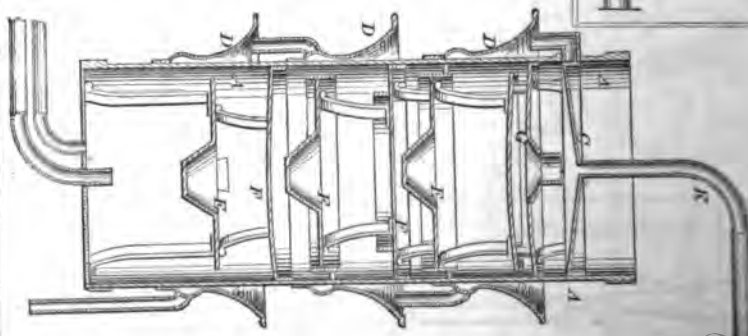
78116—M. D. Moore—
Button.



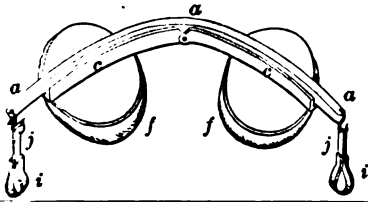
78117—E. R. Morrison—
For Casing Tobacco.



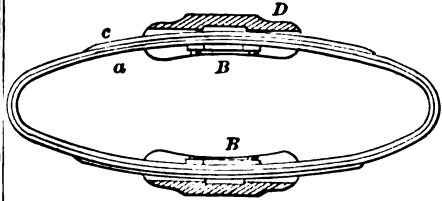
78118—Müller & Stock—Doubler for Stills.



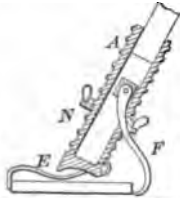
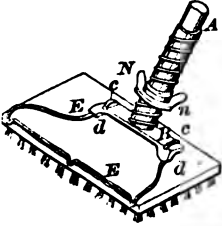
78119—B. T. Nichols—*Cart Saddle.*



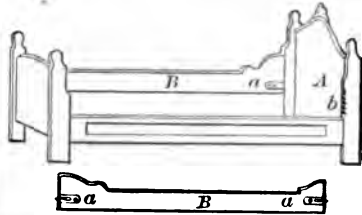
78120—W. B. Nichols—*Car Spring.*



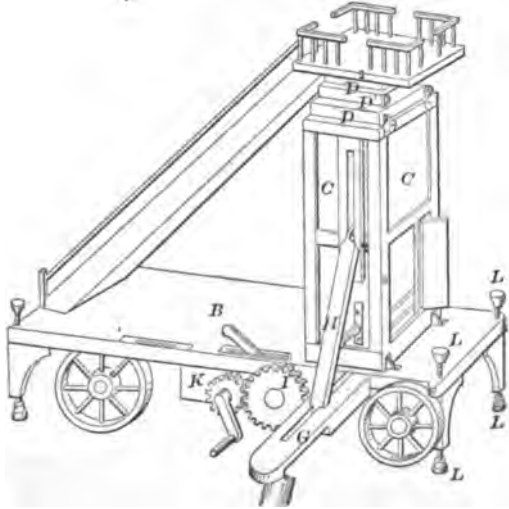
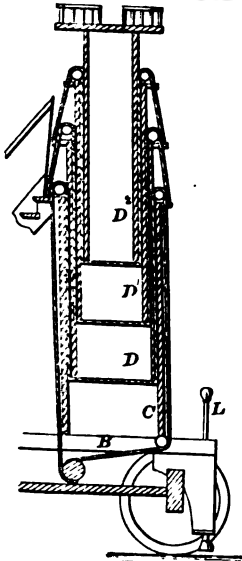
78121—P. O'Brian—*Scrubbing Brush Holder.*



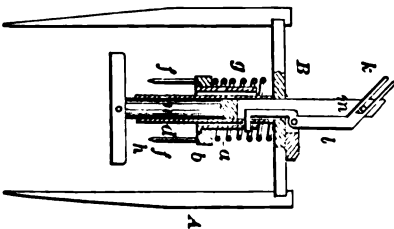
78123—G. T. Palmer—*Crib and Bedstead.*



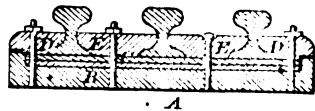
78122—V. O'Bryan—*Fireman's Elevator.*



78128—C. Polley—*Mole Trap.*



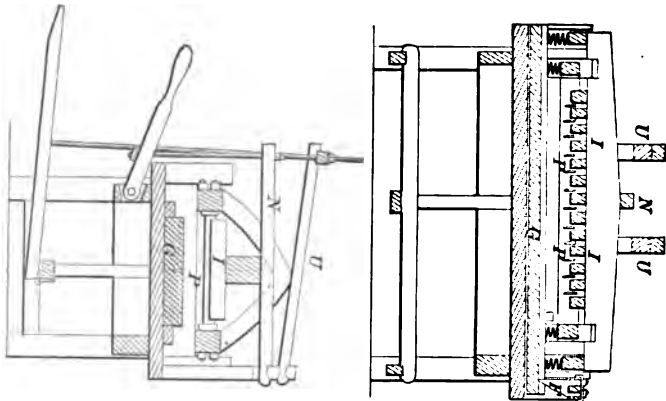
78126—A. Philippi—*Railway Switch Plate.*



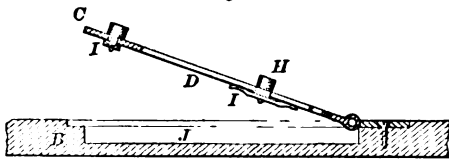
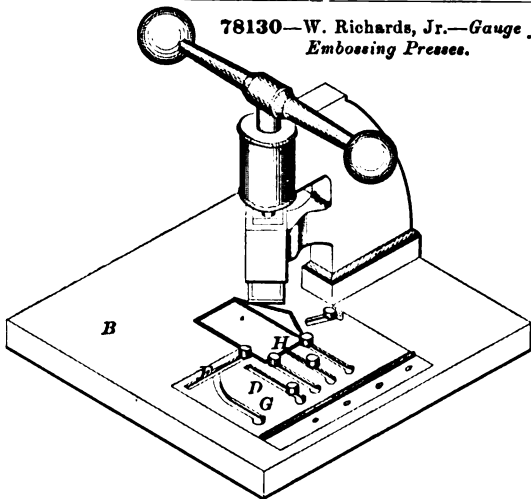
78124—C. B. Payne—*Harness Buckle.*



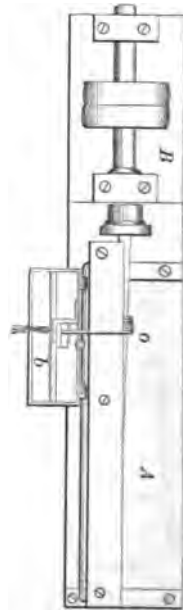
78127—J. S. Pearson—*For Cutting and Stamping Soap.*



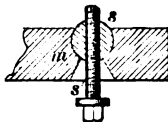
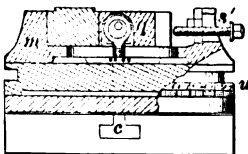
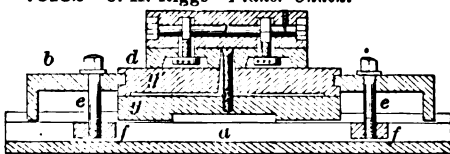
78130—W. Richards, Jr.—*Gauge for Embossing Presses.*



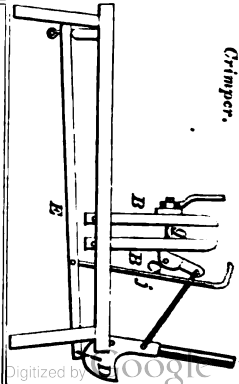
78120—A. C. Rand—*Covering Whips.*



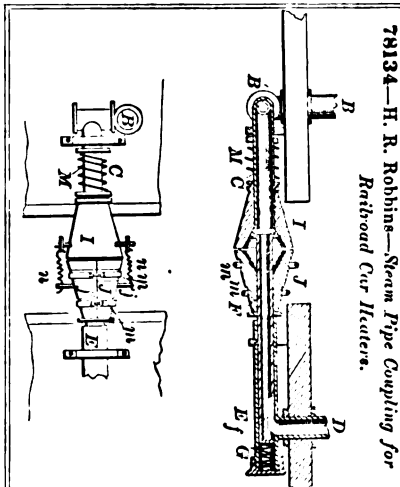
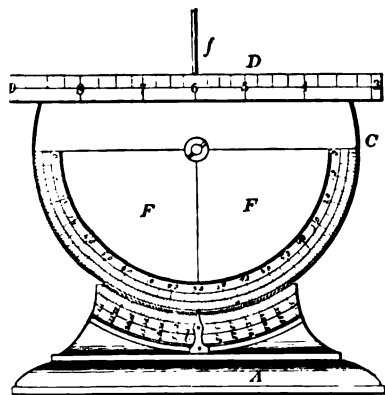
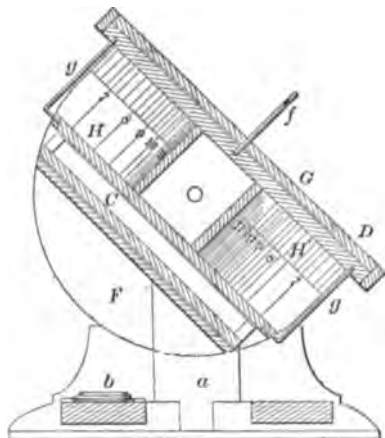
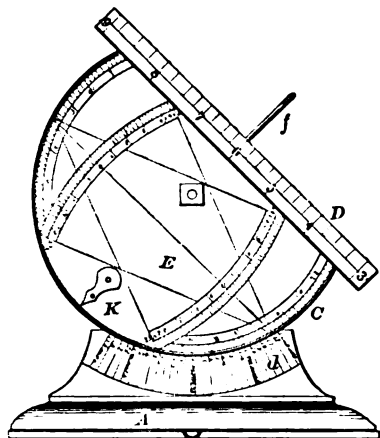
78132—C. H. Riggs—*Planer Chuck.*



78131—Richmond & McFarland—*Boot Crimper.*

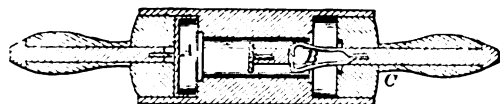


78133—C. F. L. Risch—*Heliometer.*

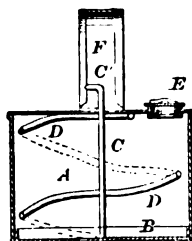


78134—H. R. Robb—*Steam Pipe Coupling for Railroad Car Buffers.*

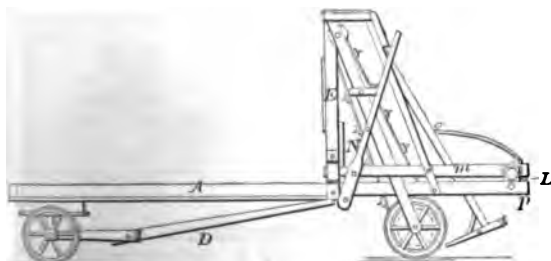
78135—A. J. Roof—*Rolling Pin.*

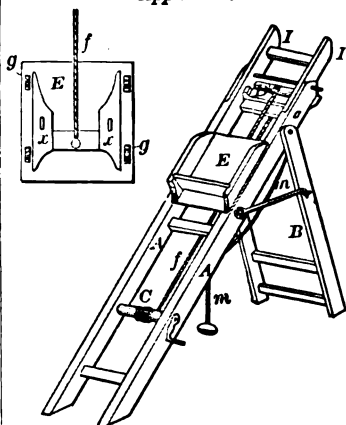
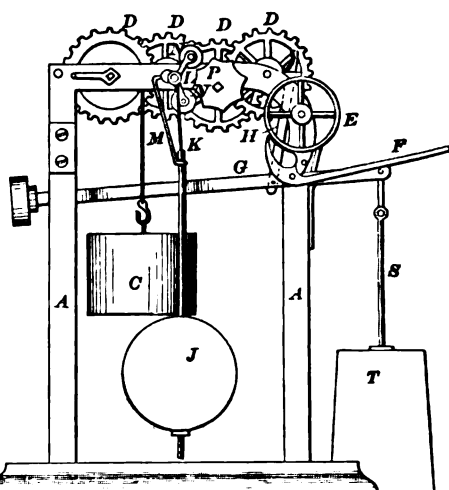
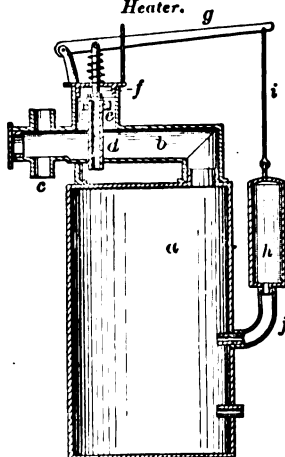
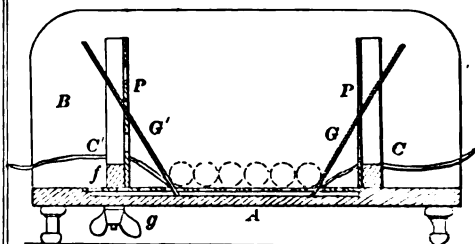
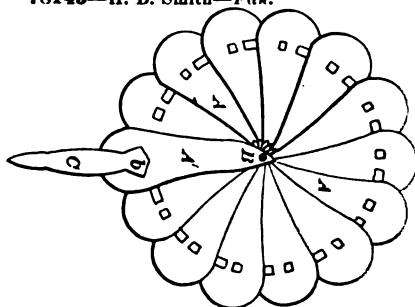
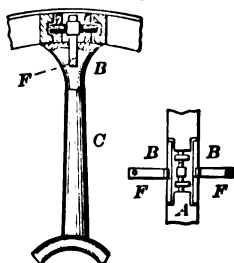
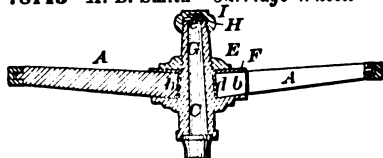
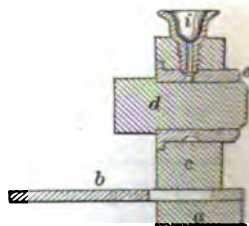


78137—G. O. Sanderson—*Cake Cutter.*

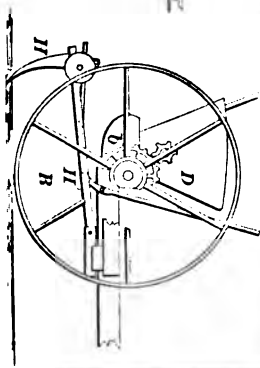
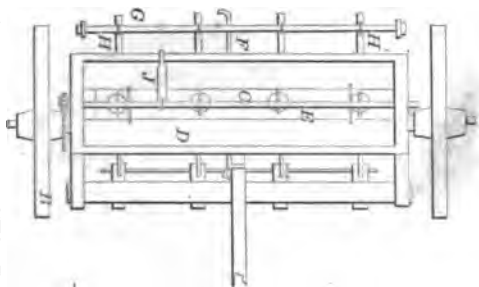


78136—Ruhl & Herrington—*Hay Raker and Loader.*

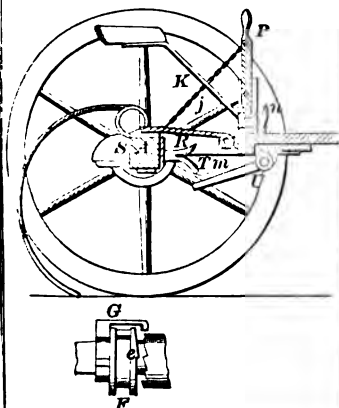


78138—J. Sanderson—*Hoisting Apparatus.*78139—L. Scott—*Crane.*78140—T. Shipton—*Feed Water Heater.*78142—C. A. Siecke—*For Bundling Cigars.*78145—H. B. Smith—*Fan.*78146—H. B. Smith—*Fan.*78141—S. Shirley—*Tire Tightener.*78143—A. B. Smith—*Carriage Wheel.*78144—E. H. & H. G. Smith—*Harvester.*

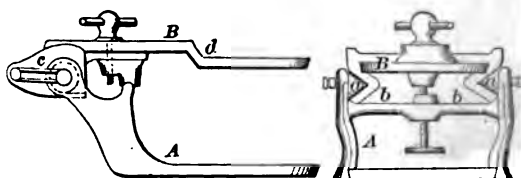
78146—M. D. Smith—Seed and Cultivator.



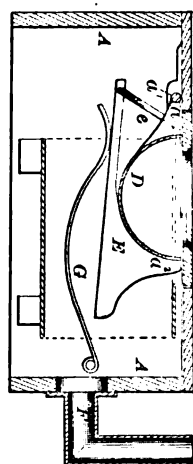
78147—M. Smith—Horse Rake.



78151—E. T. Starr—Articulator.



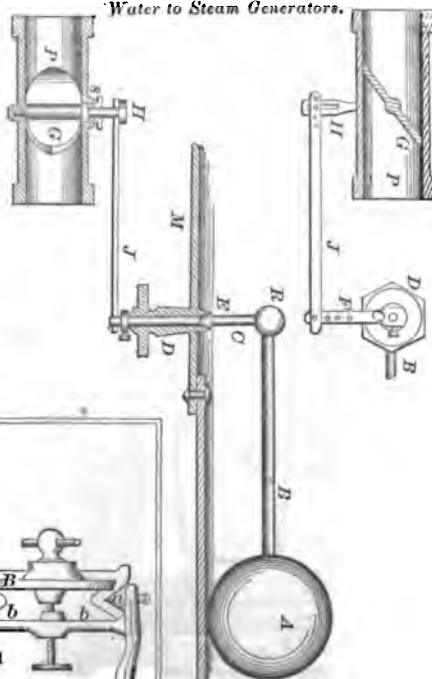
78148—W. Sprague—Water Closet.



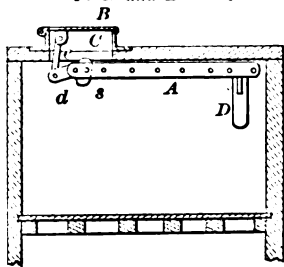
78149—G. Stackhouse—Vegetable Cutter.



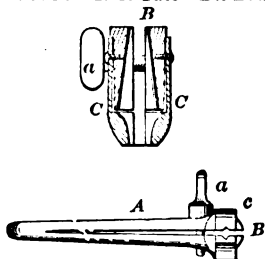
78150—Stafford & Leforgee—For Regulating Water to Steam Generators.



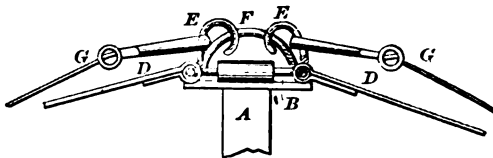
**78152—J. Steger—Scuttle
Cover and Ladder.**



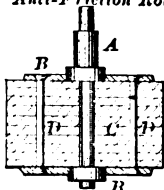
78157—I. C. Tate—Bit Brace.



78154—S. Stout—Trace Holder.



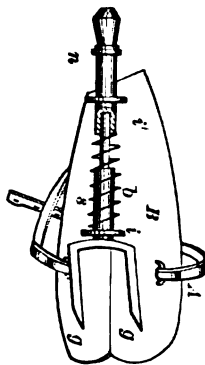
**78153—F. A. Sterry—
Anti-Friction Roll.**



**78156—W. Swan—
Ornamenting Fabrics.**



78150—M. H. Sullivan—Cribbing Preventer.



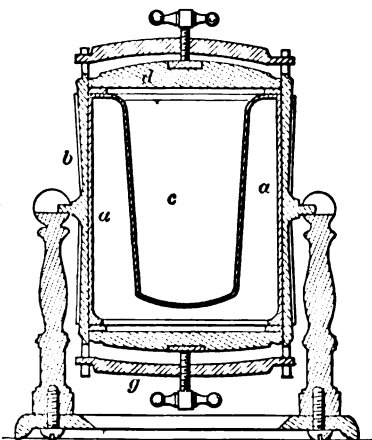
78158—E. J. Toof—Pencil Holder.



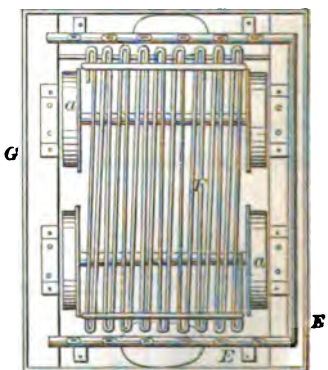
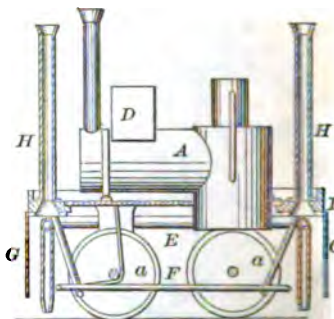
78160—J. J. Wait—Lamp Chimney Cleaner.



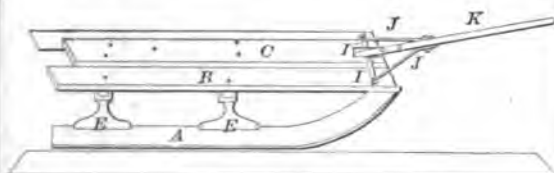
78159—J. Baptiste—Freezing Apparatus.



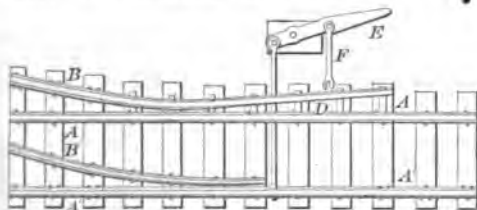
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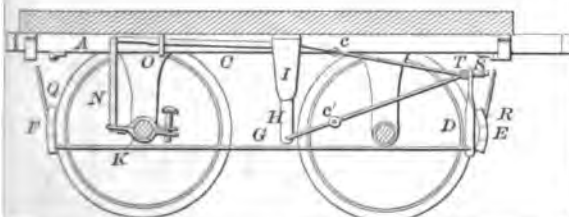
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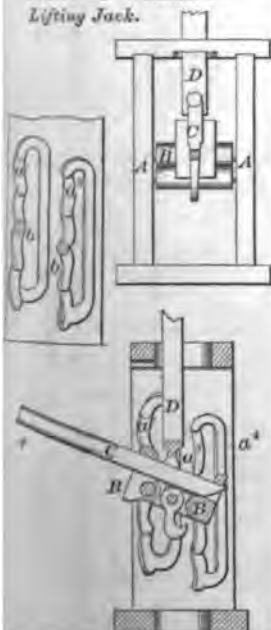
78165—W. Wharton, Jr.—Railroad Switch.



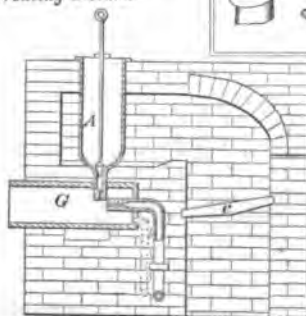
78166—T. J. Whitney—Car Brake.



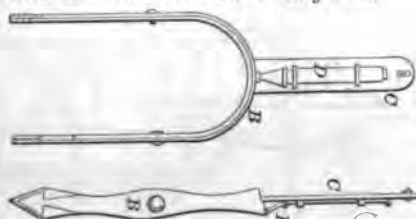
78167—J Wilkinson—
Lifting Jack.



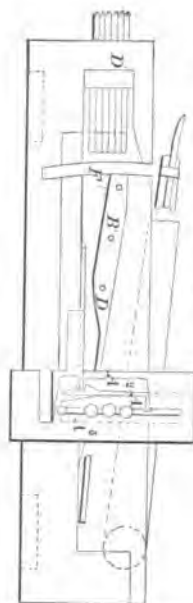
78168—Willard & Adams—
Treating Metals.



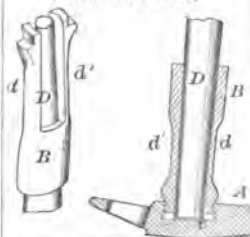
78169—L. Woodworth—Horse Hay Fork.



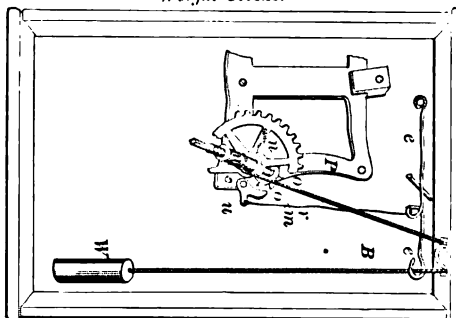
78163—W. Webster—Weaving Pile Fabricator.



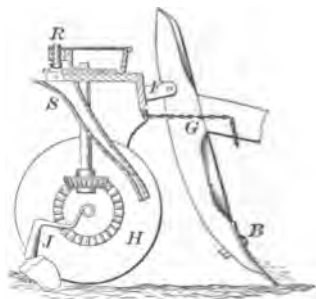
78164—D. Weiser—
Hammer Handle.



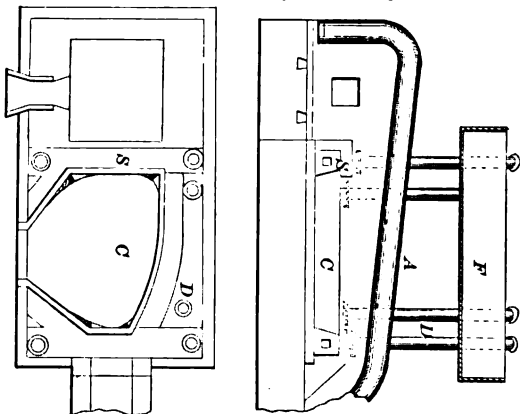
78170—O. H. Woodward—Winding Stop for Weight Clocks.



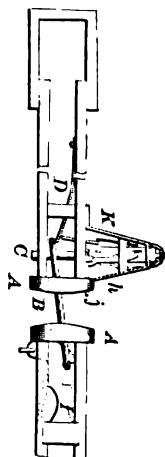
78171—Wright & Penny—Corn Planter.



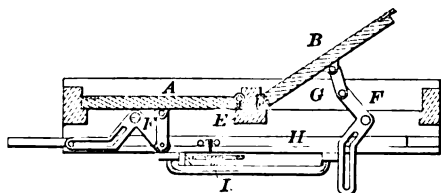
78172—J. Zimmer—Furnace for Puddling Iron.



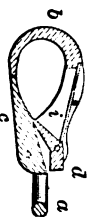
78173—J. W. Adams—Car Coupling.



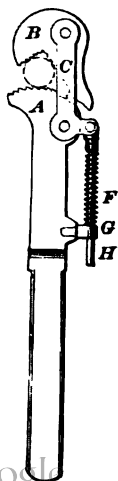
78174—M. C. Andrews—Car Ventilator.



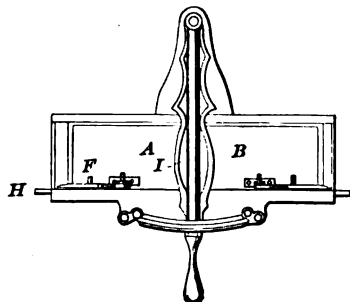
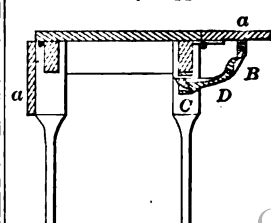
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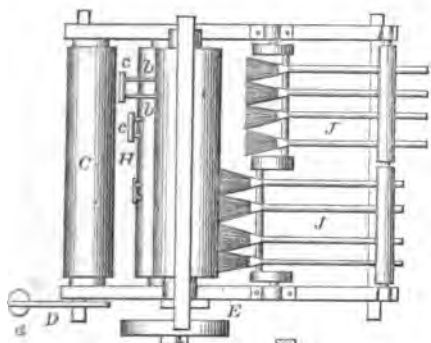
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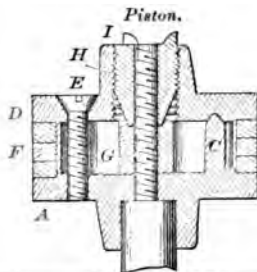
78177—E. E. Berry—Table Leaf Support.



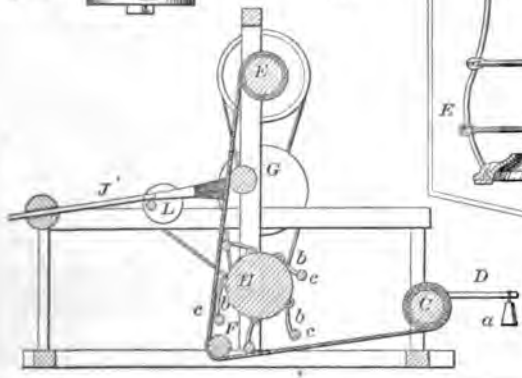
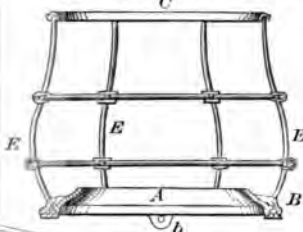
78178—G. W. Bishop—Carpet Cleaning Machine.



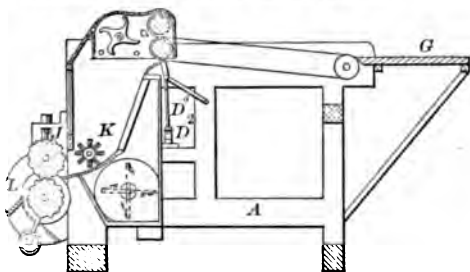
78179—C. Bollinger—Steam Engine



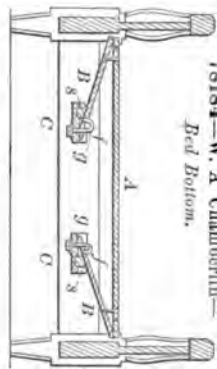
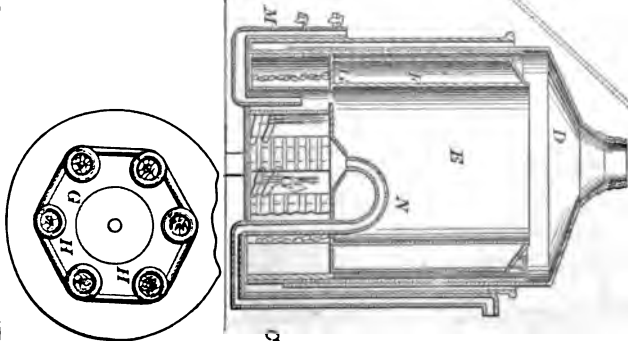
78180—T. H. Brady—Lantern.



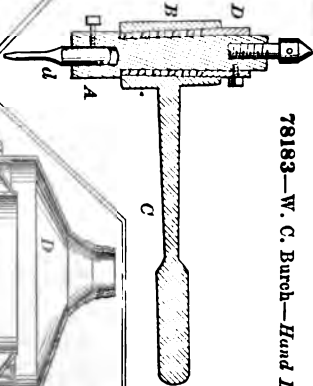
78181—C. Brown—Straw Cutting Machine.



78185—C. H. Childs—Gas Apparatus.

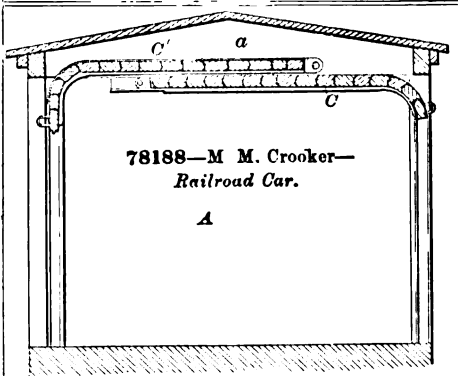
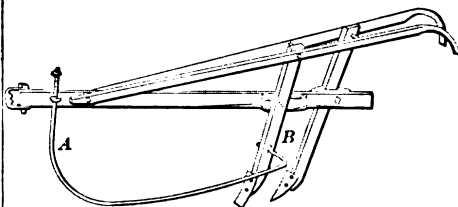


78184—W. A. Chamberlin—
Bed Bottom.

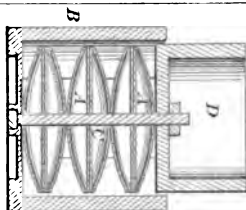
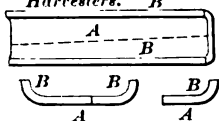


78183—W. C. Burch—Hand Drill.

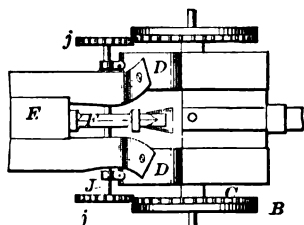
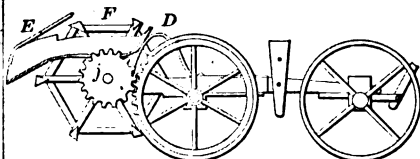
78186—C. A. Cogswell—Cultivator.

78188—M. M. Crooker—
Railroad Car.

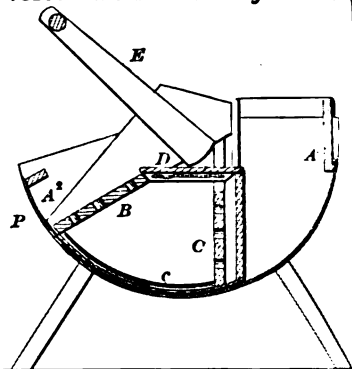
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78191—D. G. Daniels—
Car Spring.78196—R. Dutton—Finger Bars for
Harvesters. B

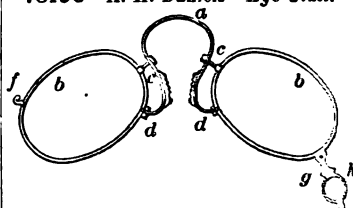
78198—T. B. Fagan—Ditching Machine.



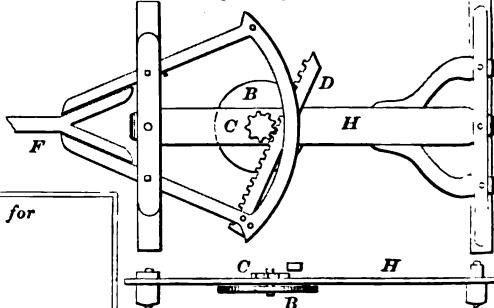
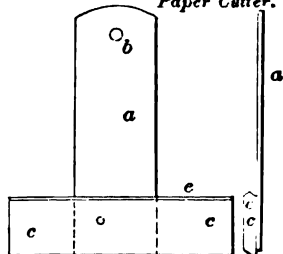
78187—T. Crane—Washing Machine.



78190—A. H. Daniels—Eye Glass.



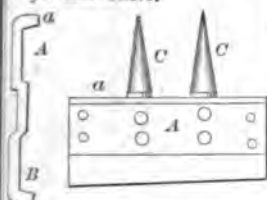
78194—J. W. Drew—Regulating common Lumber Wagon.

78192—C. B. Dickinson—Arm Rest and
Paper Cutter.

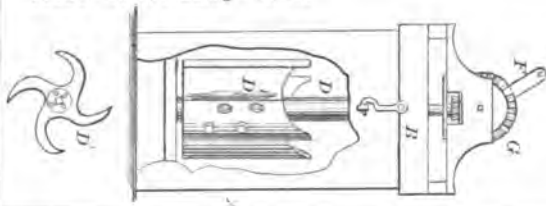
78193—C. F. Dodge—Sash Supporter.



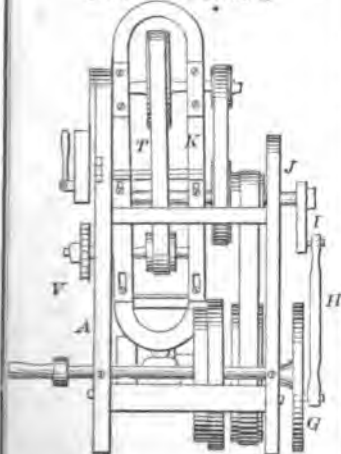
78197—R. Dutton—
*Constructing Finger Bars
for Harrowers.*



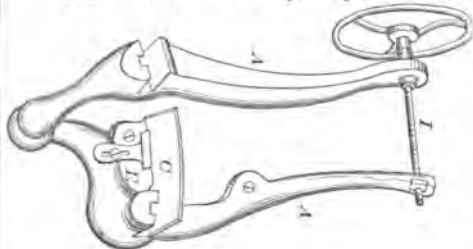
78199—J. H. Fleming—*Churn.*



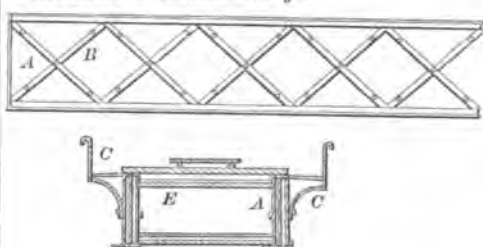
78200—J. Flory—*For Rounding
Slate Frame Corners.*



78201—A. H. Ford—*For Upsetting Tires.*



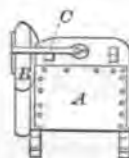
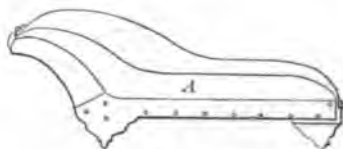
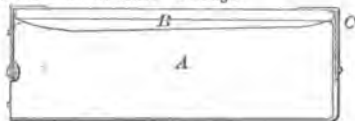
78202—E. Hamilton—*Bridge.*



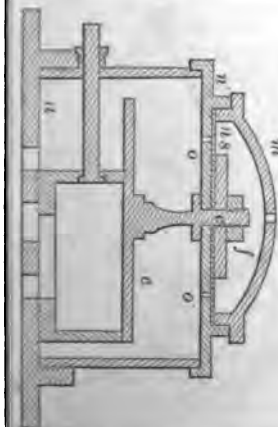
78203—G. D. Hart—*Cultivator.*



78204—W. C. Hart—*Loungé.*

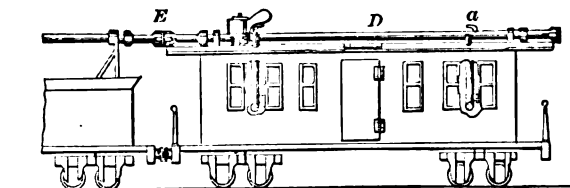
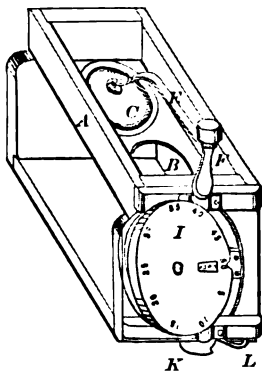
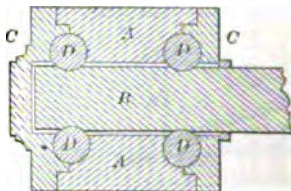
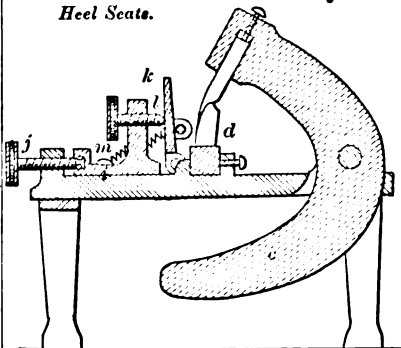
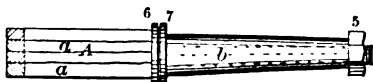
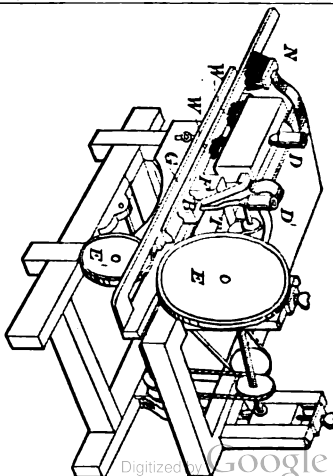


78205—J. Hemphill—*Slide Valve.*

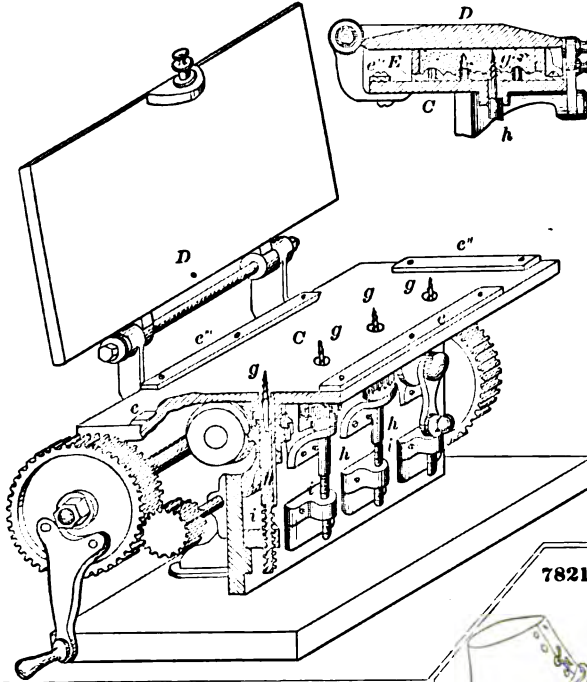


78207—R. Hewson—*Parlor Skate.*

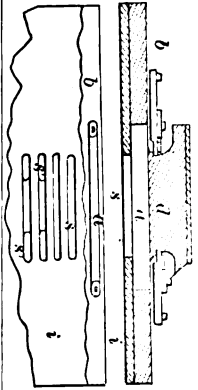


78206—Henceage & Breed—*Railroad Car Ventilator.***78208**—S. Hudson—*Grain Register.***78210**—D. Jewett—*Axle Box for Railroad Cars.***78211**—A. B. Keith—*For Cutting Heel Seats.***78213**—J. Le Ferre—*Forming Carriage Axles.***78215**—J. S. Leomin—*For Polishing Wood.*

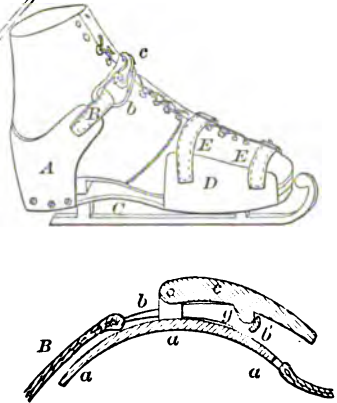
78212—E. H. Keith—For Moulding Wood Screws.



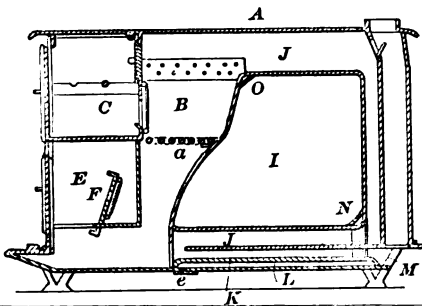
78219—D. Marshall—Socket Board for Reed Instruments.



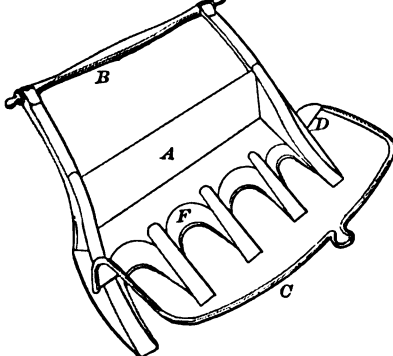
78216—H. B. Lucas—Skate Fastening.



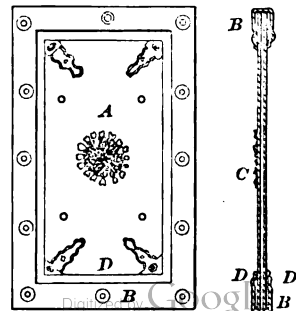
78217—J. Magee—Cooking Stove.



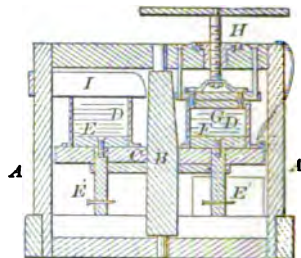
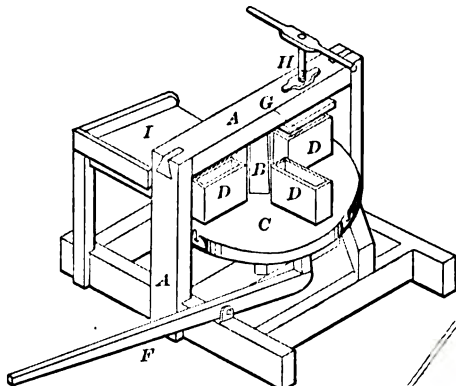
78220—N. & A. Maybee—Scraper.



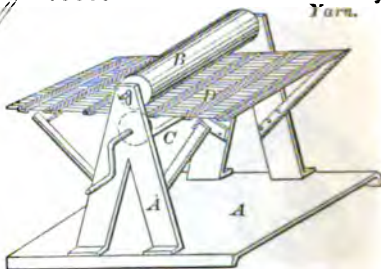
78218—C. K. Marshall—Metallic Door.



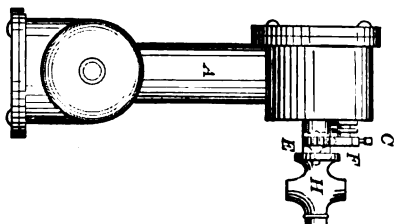
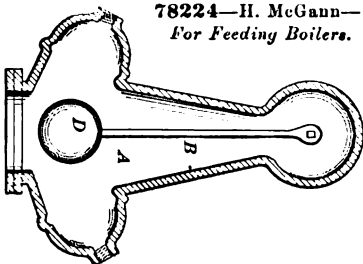
78221—B. J. McAfee—Brick Machine.



78222—W. McAllister—For Printing Yarn.



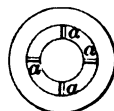
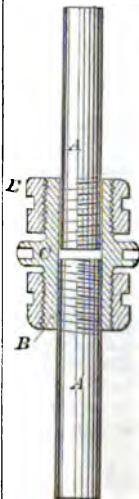
78224—H. McGann—For Feeding Boilers.



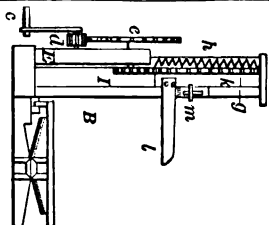
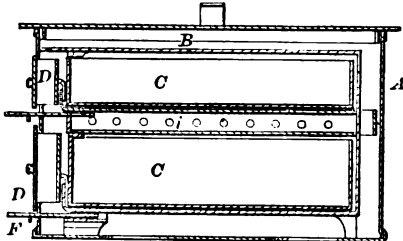
78223—S. B. McCracken—Spring Bed Bottom.



78225—A. H. Merriman—Press Spindle Adjustment.

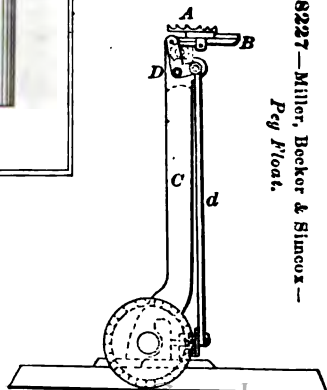


78226—F. C. Miller—Portable Oven.

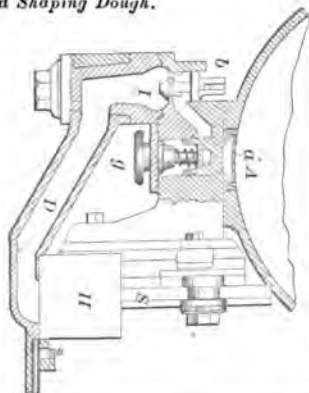
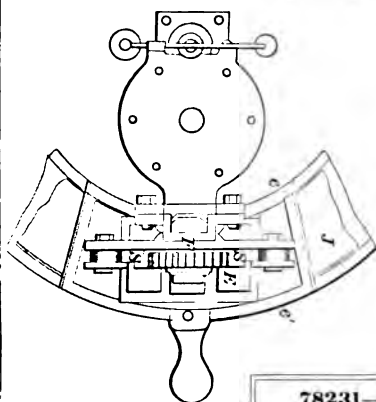


78228—Morse & Sawyer—Cheese Cutter.

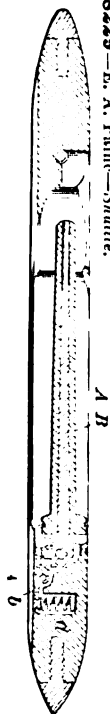
78227—Miller, Becker & Simeux—Peg Float.



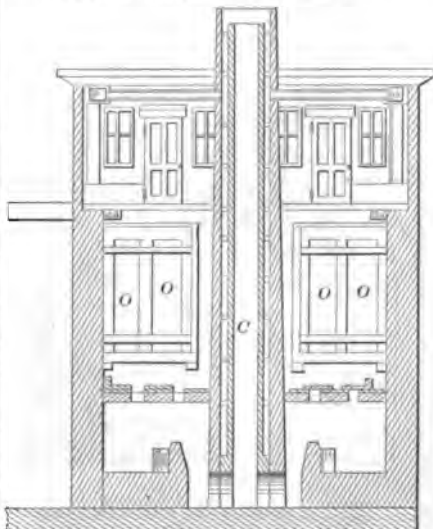
78232—J. Perry—For Expanding and Shaping Dough.



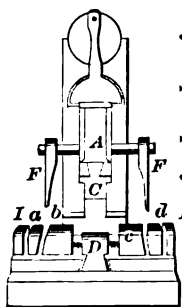
78229—E. A. Paine—Shuttle.



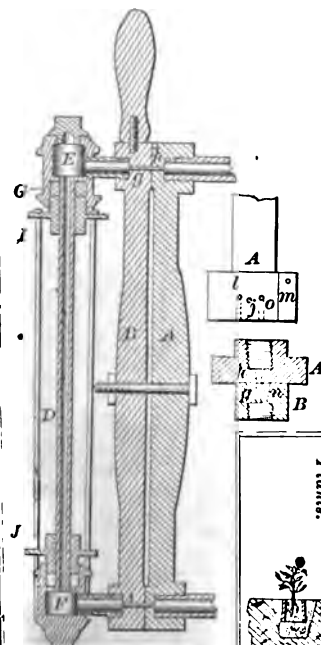
78231—J. Perry—Oven and Bath.



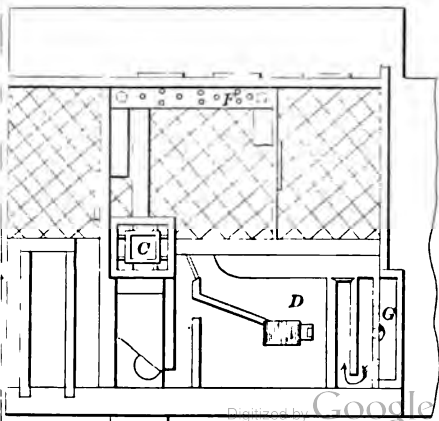
78230—J. Palmer—Welding the Ends of Elliptic Springs.

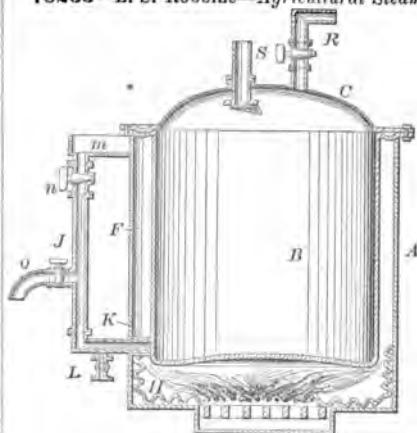
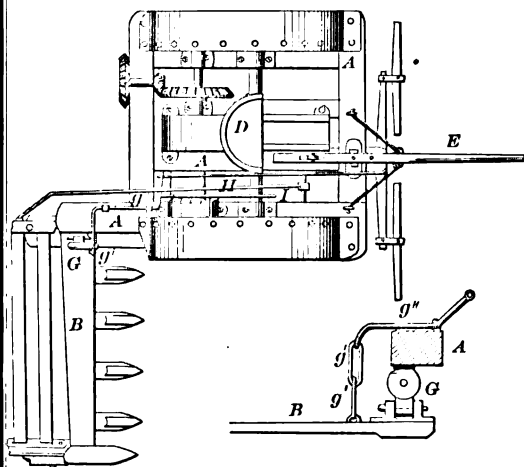
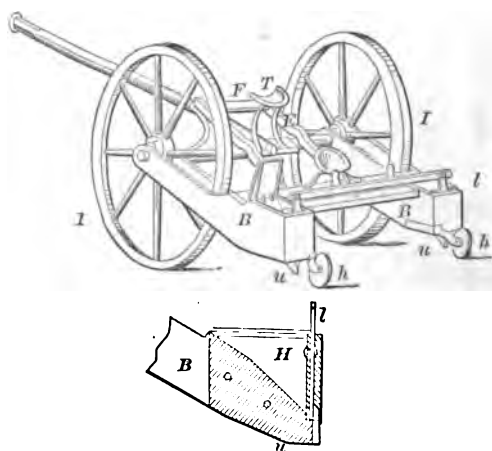
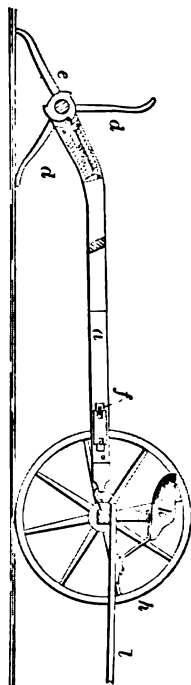
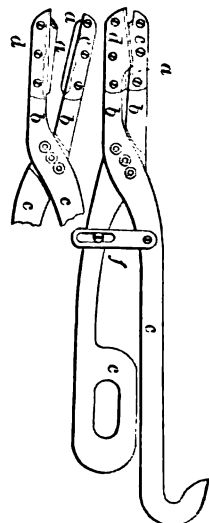
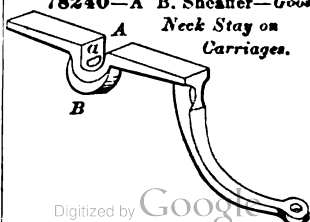


78234—C. L. Ridgway—Water Gauge for Steam Boilers.

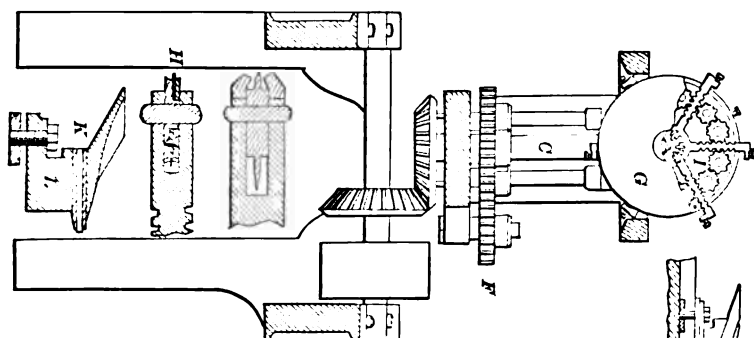


78233—P. Poullain—Cultivation of Plants.

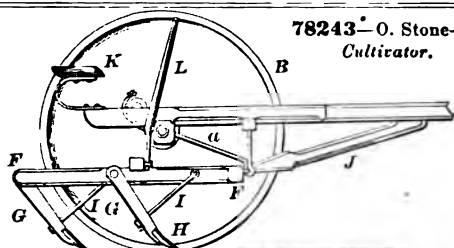


78235—L. S. Robbins—*Agricultural Steam Boiler.*78236—S. Rockafellow—*Harvester.*78237—O. Sampson—*Corn Planter.*78238—J. Seely—*Horse Rake.*78241—J. E. Single—*For Harvesting Grapes.*78240—A. B. Sheaffer—*Goose Neck Stay on Carriages.*

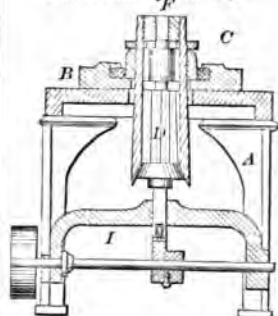
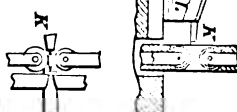
78238—S. Sawyer—Rattan Machine.



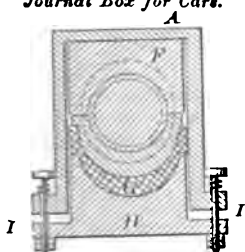
78243—O. Stone—Cultivator.



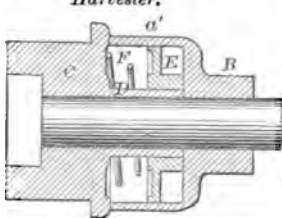
78242—G. H. Spaulding—For Moulding Collars.



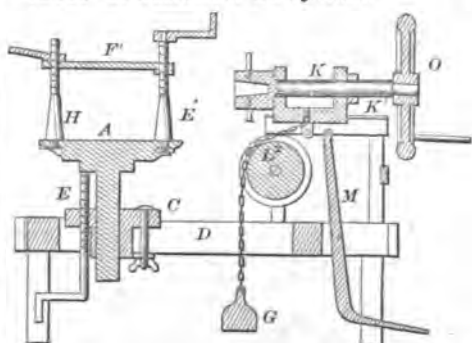
78244—M. Thornton—Journal Box for Cars.



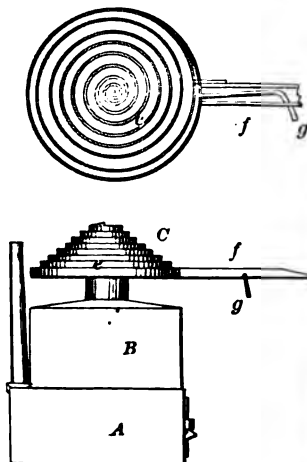
78245—G. Weiland—Harvester.



78246—J. Wharff—For Boring Hubs.



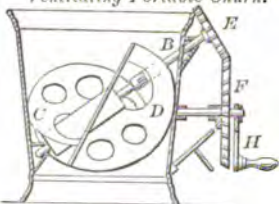
78247—Whisler & Berry—Still.



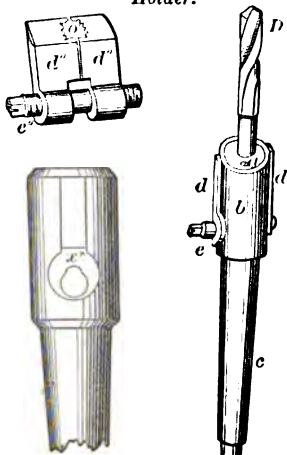
78248—E. F. Wilder—Implement.



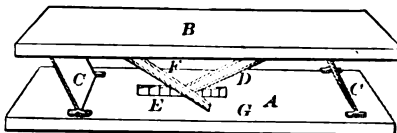
78249—E. P. Williams—
Ventilating Portable Churn.



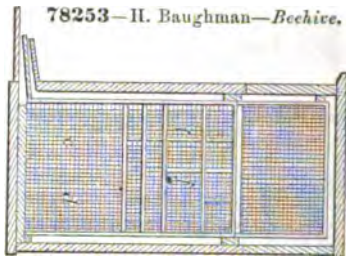
78251—T. K. Bacon—Drill
Holder.



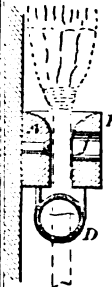
78250—J. B. Withey—Penman's Arm Rest.



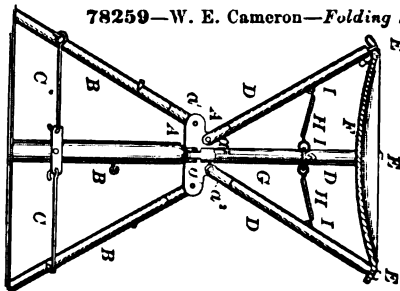
78253—H. Baughman—Beehive.



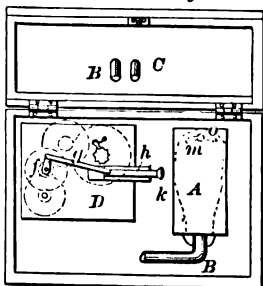
78252—E. B. Hatcher—Broom Holders.



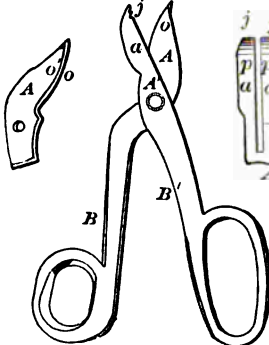
78259—W. E. Cameron—Folding Stool.



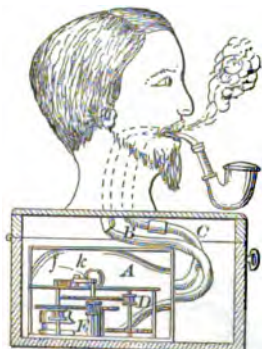
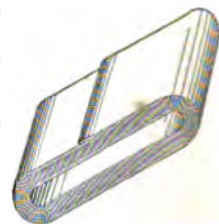
78254—J. W. Boughton—
Tobacconist's Sign.



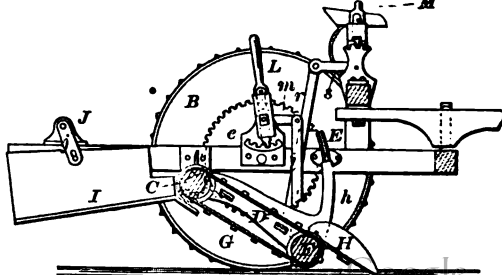
78255—Buell & Root—Shears.



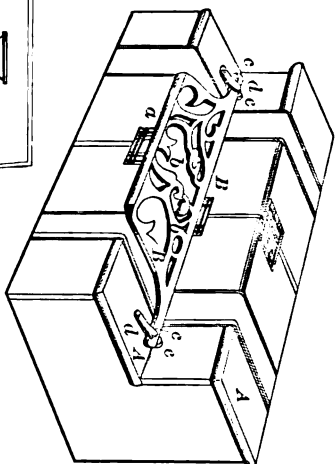
78260—E. M. Chaffee—
Gutta Percha Hose.



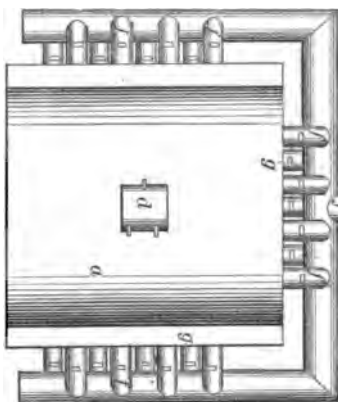
78257—Burnham & Conlon—Potato Digger.



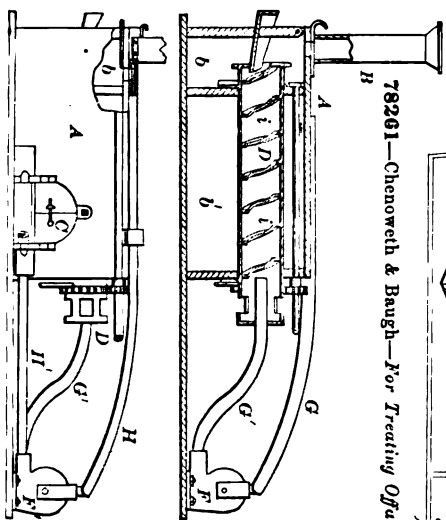
78263—J. Conner, Jr.—Swiv Carpet Fastener and Protector.



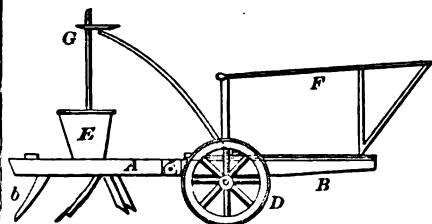
78264—Converse & Alherton—Manufacture of Pyrolygneous Acid. Fig. 9



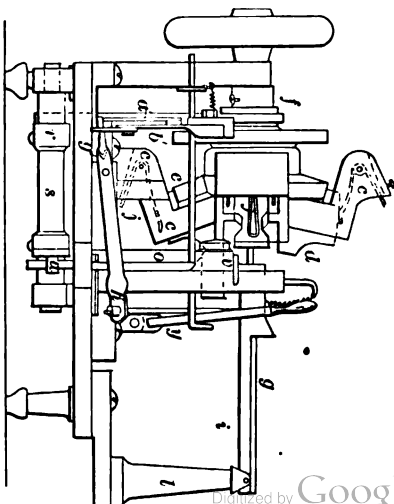
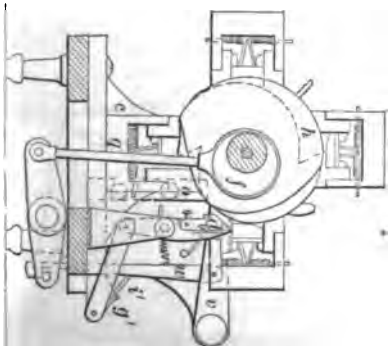
78261—Chenoweth & Baugh—For Treating Oil.



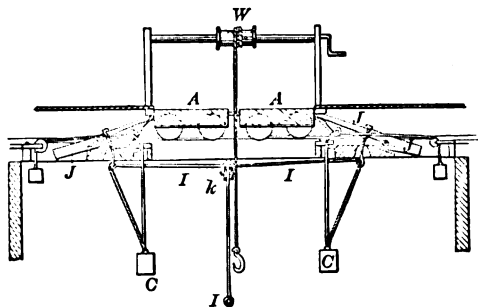
78262—W. R. Clark—Corn Planter.



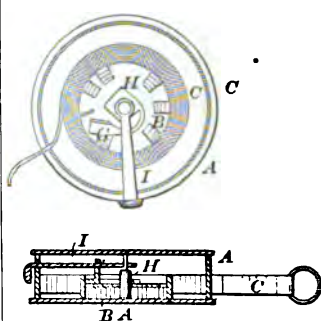
78266—W. H. Defrees—Forging Machine.



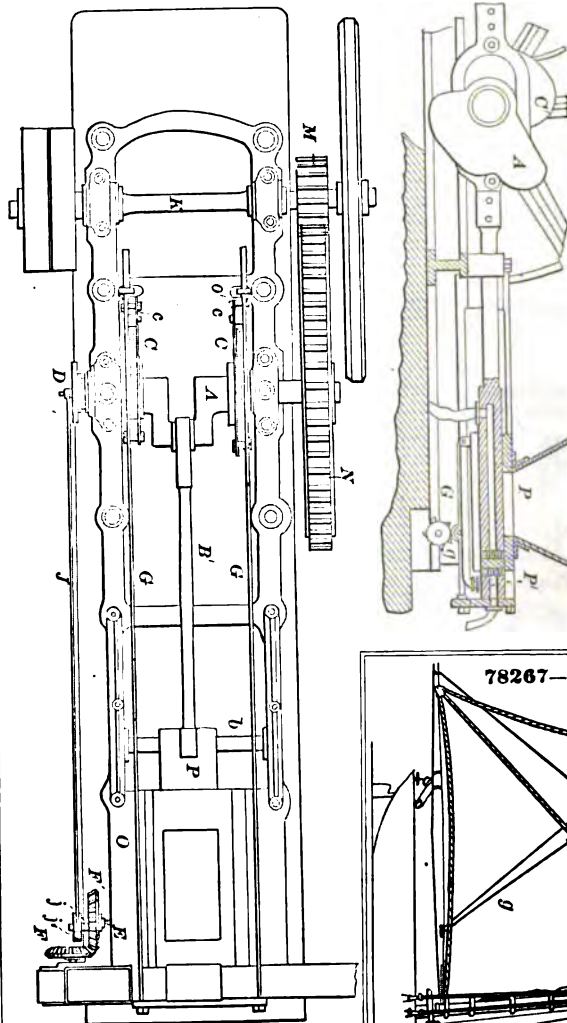
78265—G. N. Creamer—Safety Hatch. •



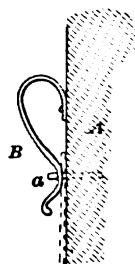
78272—A. J. Fellows—*Tape Box.*



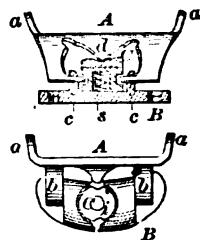
.78268—F. Durand—Brick Machine.



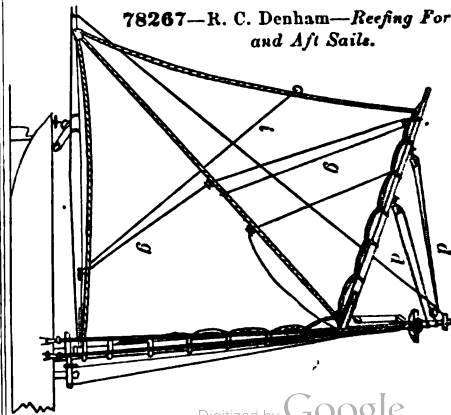
78271—A. H. Fatzinger—
Paper Clip.



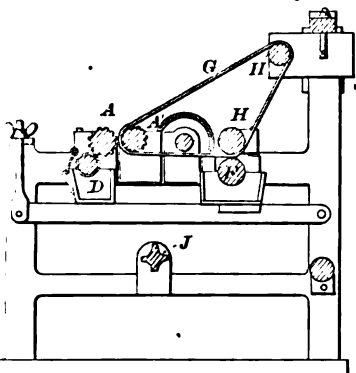
**78270—G. W. Farley—
Ice Calk.**



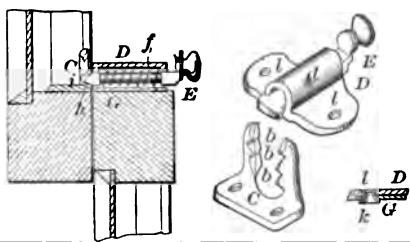
78267—R. C. Denham—*Reefing Fore and Aft Sails.*



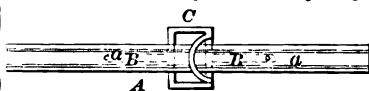
78273—J. Foster—For Printing Yarn.



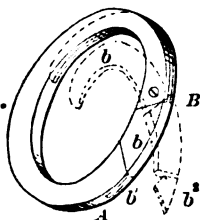
78274—O. S. Garretson—Sash Fastening.



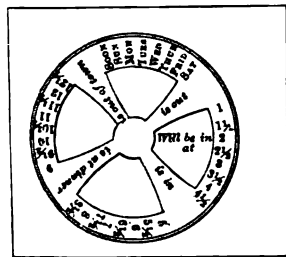
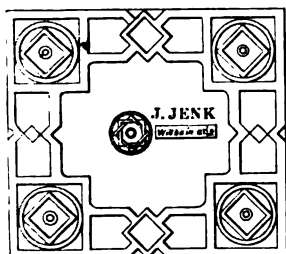
78277—M. Gumfory—Trace Tug Loop.



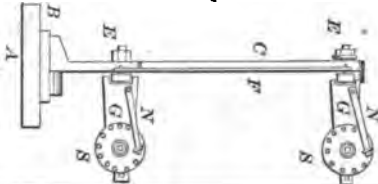
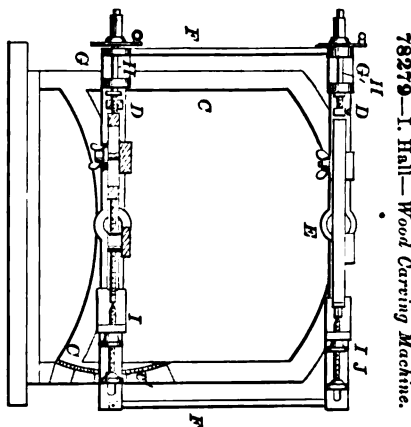
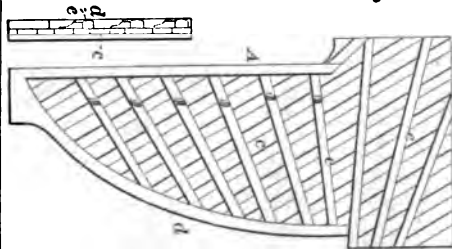
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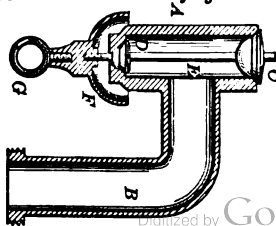
78278—A. Hadley—Door Indicator.



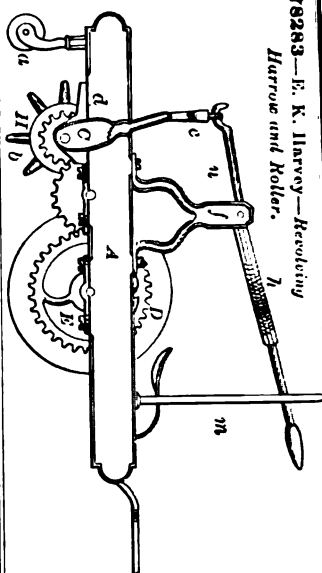
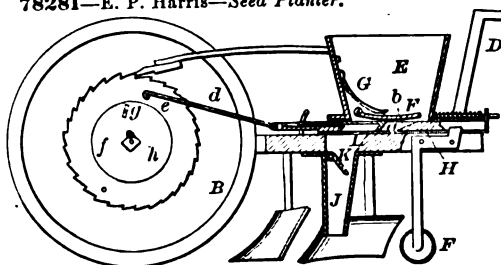
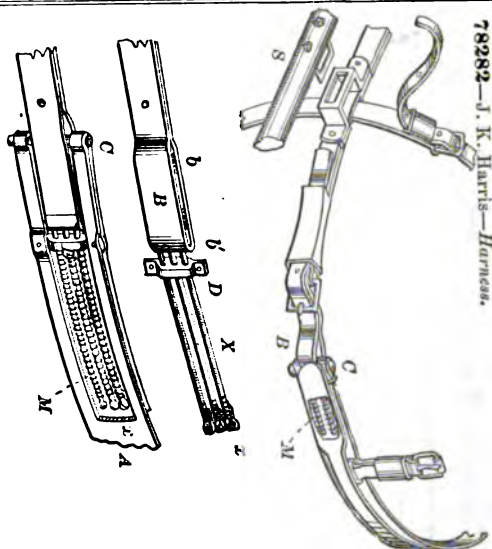
78276—G. M. Guild—Piano Sounding Board.



78280—F. Harden—Safety Valve.

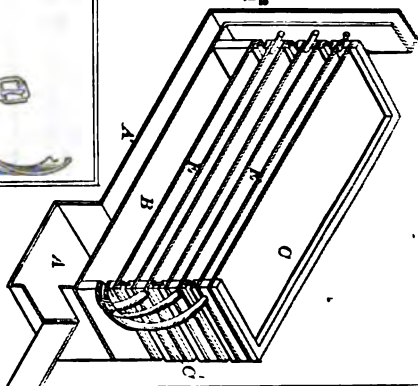
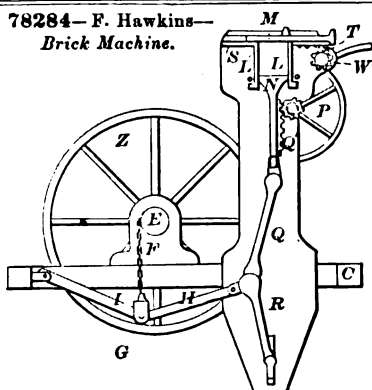
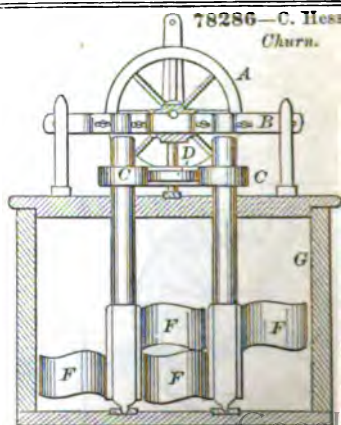


78281—E. P. Harris—Seed Planter.

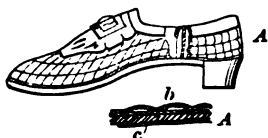
78283—E. K. Harvey—Reeling
Harrow and Roller.

78282—J. K. Harris—Harrow.

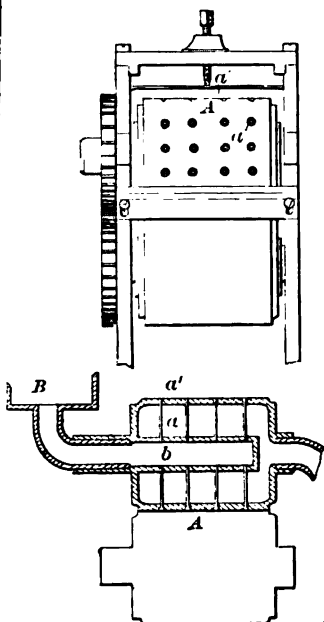
78285—H. Henley—Dryer.

78284—F. Hawkins—
Brick Machine.78286—C. Hess—
Churn.

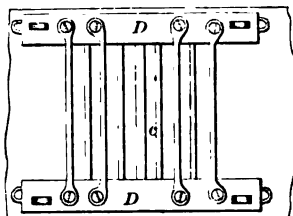
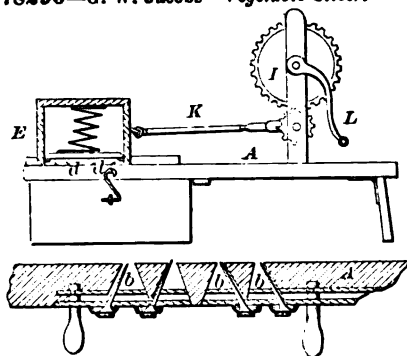
78287—M. L. Hill—Shoe.



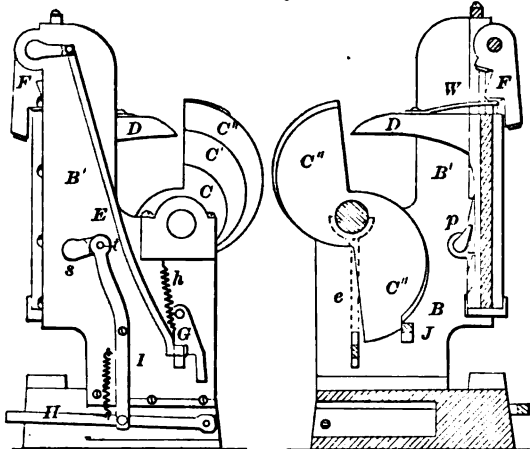
78288—C. Holliday—For Printing on Fabrics.



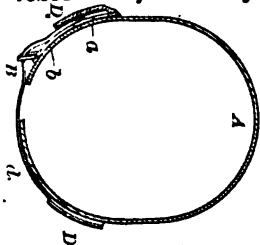
78290—G. W. Jacobs—Vegetable Slicer.



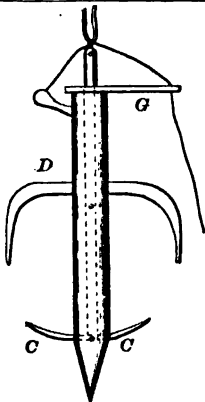
78291—T. P. Keeler—Adjustable Hammer and Drop.



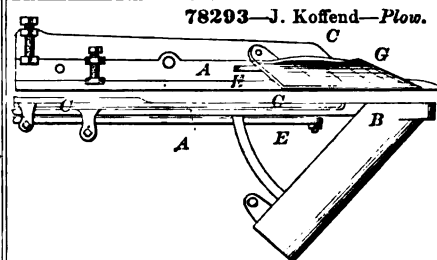
78289—S. Hyde—Sureangle.



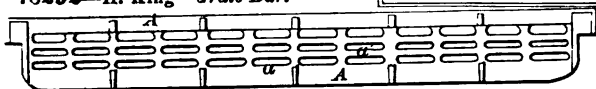
78294—H. Laird—Horse Hay Fork.



78293—J. Koffend—Plow.



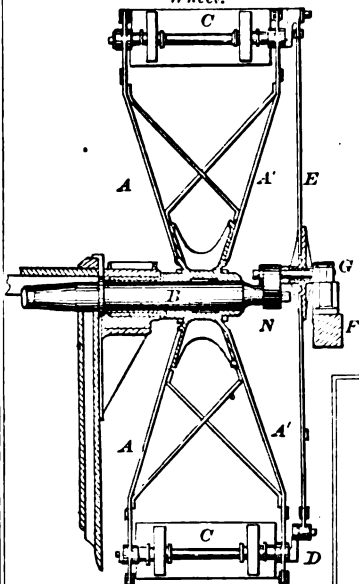
78292—H. King—Grate Bar.



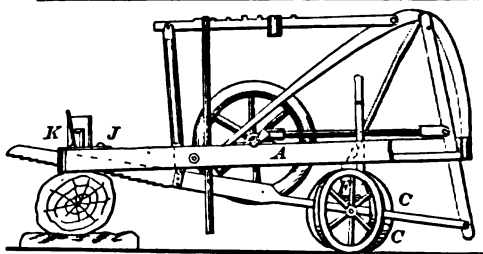
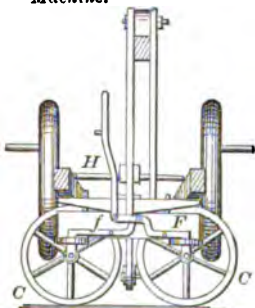
78296—E. Leigh—Pronouncing
Orthography.

rye head

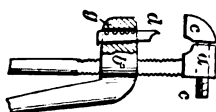
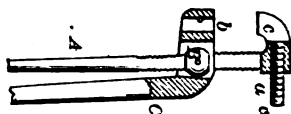
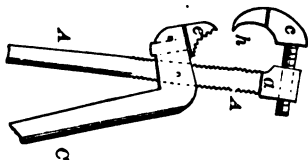
78301—W. R. Manley—Paddle
Wheel.



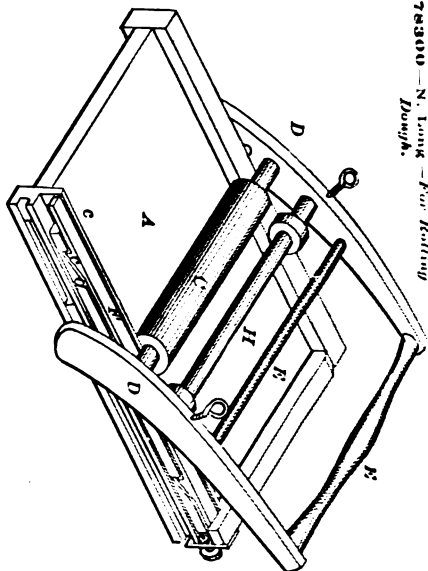
78298—J. R. Logan—Sawing
Machine.



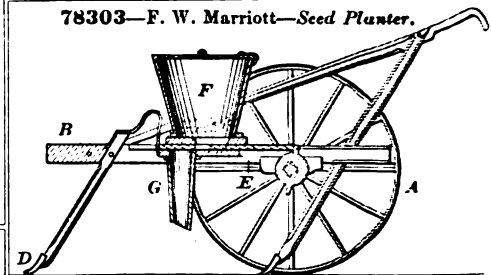
78299—N. F. Loi—Pipe Wrench.



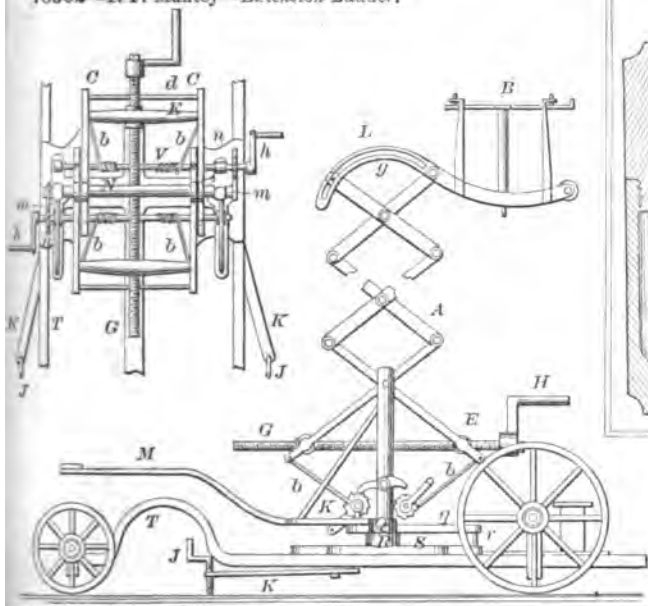
78300—N. Long—Four-rolling
Dough.



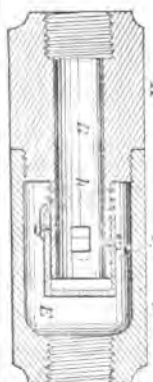
78303—F. W. Marriott—Seed Planter.



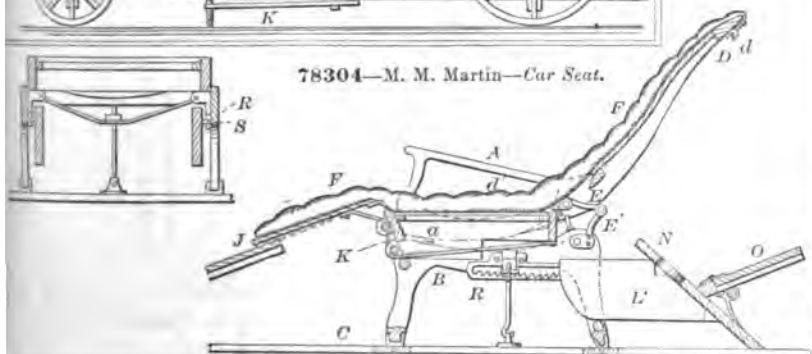
78302—T. F. Mantey—Extension Ladder.



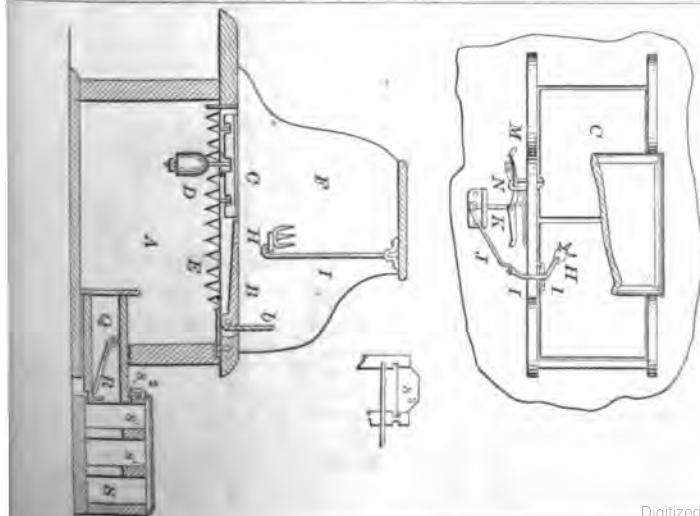
78305—S. F. Mathews—Gas Regulator.

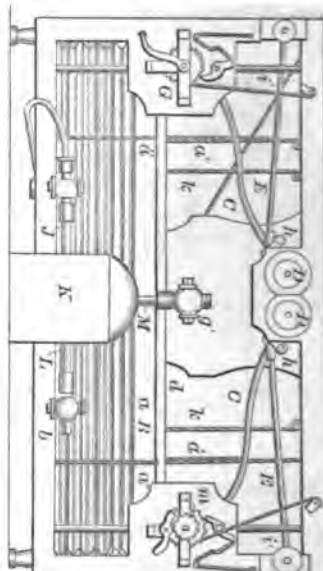
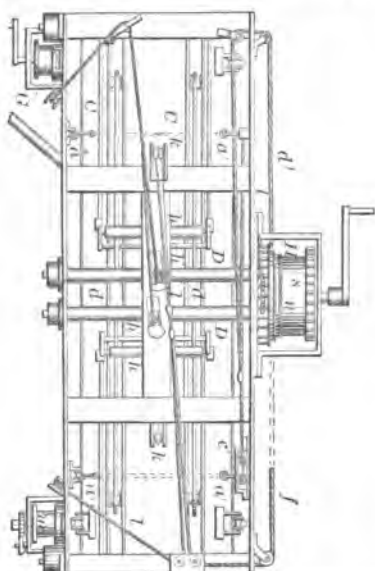


78304—M. M. Martin—Car Seat.



78306—J. C. McClamroch—Animal Trap.

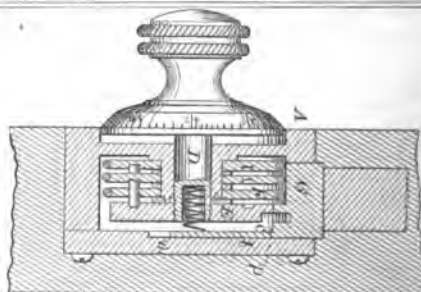




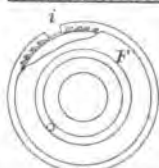
78307—J. McClash—Gas Apparatus.



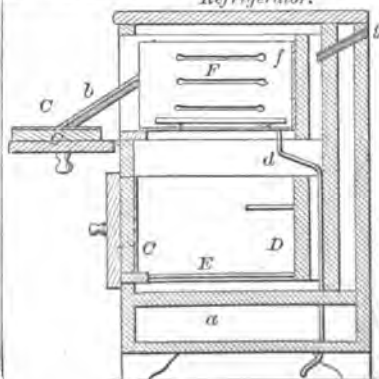
78311—J. P. Miller—Curtain Fixture.



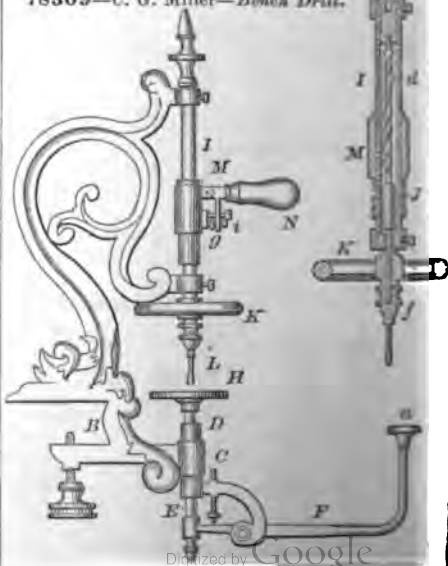
78310—D. K. Miller—Permutation Lock.



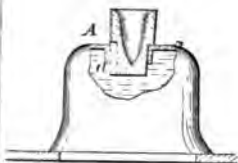
78308—M. Meyers, Jr.—Refrigerator.



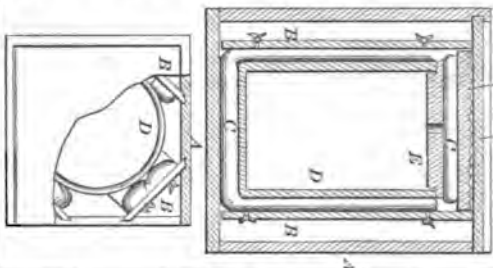
78309—C. G. Miller—Bone Drill.



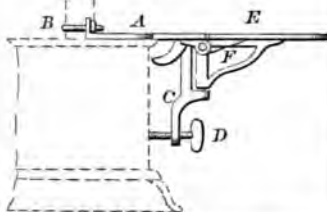
78312—G. Moebs—Cigar Header.



78316—M. H. Nichols—Shipping Case.



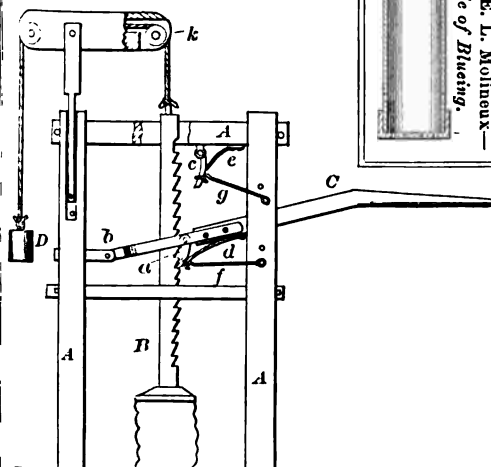
78315—B. Newbury—Cooking Stove.



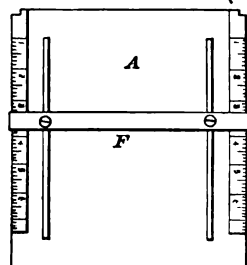
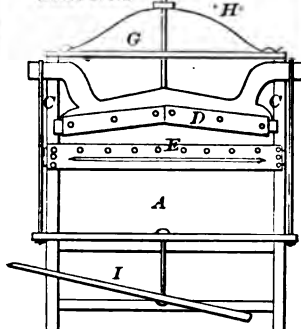
78314—M. E. Mott—Corpse Preserver.



78318—B. S. Norris—Press.



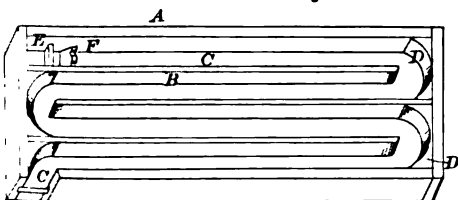
78319—J. B. Osier—For Cutting Sheet Iron.



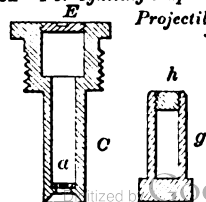
78313—E. L. Molinoux—Article of Bluing.

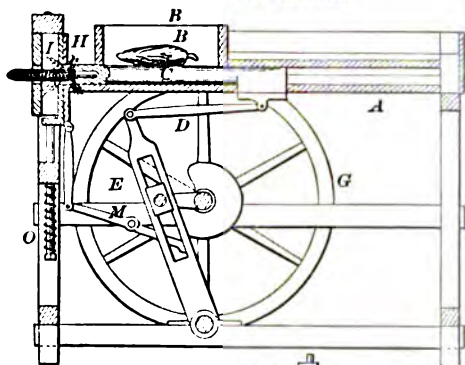
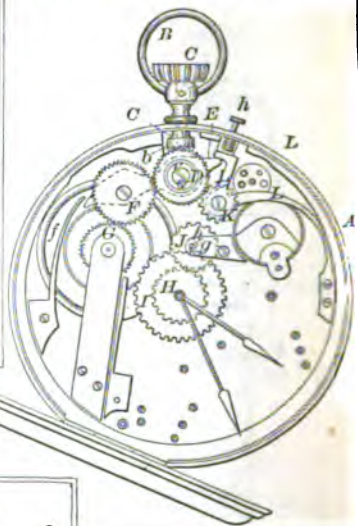
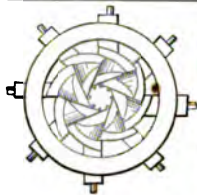
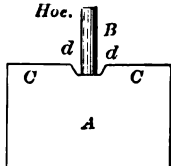
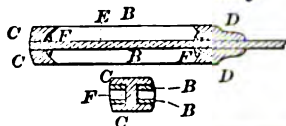
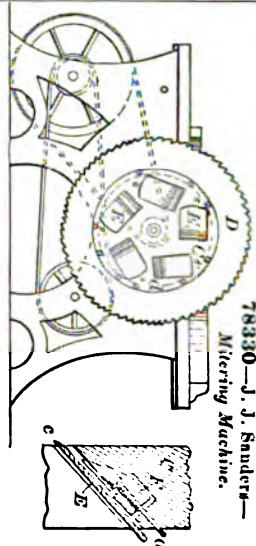
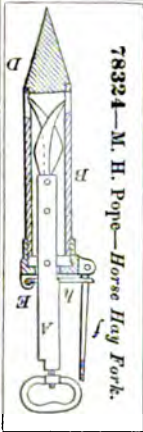
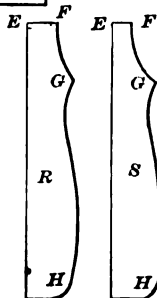
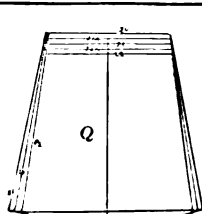
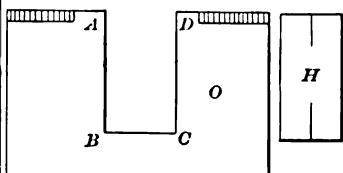
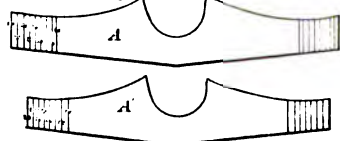
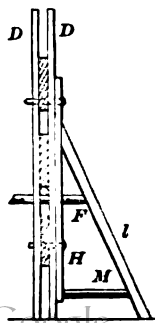
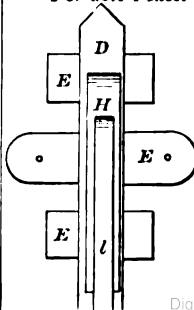


78320—J. A. Owens—Starch Tray.

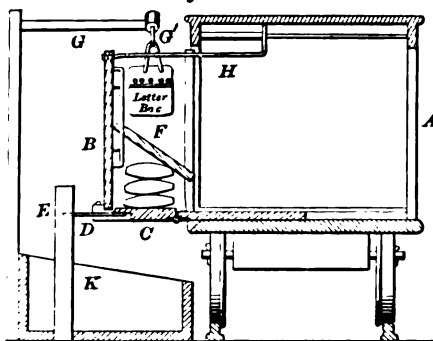


78322—Pertinset, Mundel & de Fléron—For Igniting Explosive Projectiles.

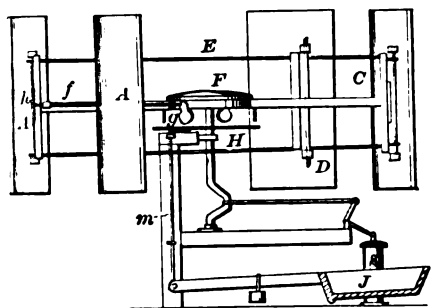


78321—T. Percival—*Corn Husker.*78323—L. V. Piquet—*Watch.*78326—
L. T. Richardson—*Hoe.*78328—M. Rubel—*Cutlery.*78325—J. W. Rand—*Pattern for Cutting out Shirts.*78329—R. Samuel—*Portable Fence.*

78331—W. G. Sanford—Mail Car and Mail Bag Receiver.



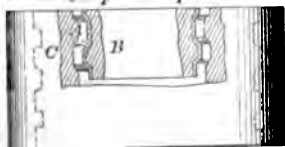
78333—Shaw & Tindall—Wind Mill.



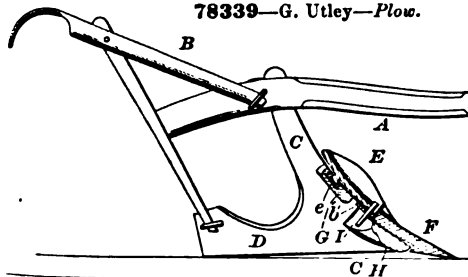
78338—D. Tierney—Tailors' Square.



78336—A. P. Stephens—Composite Pipe.



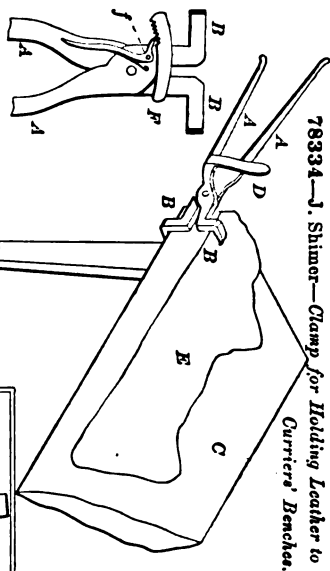
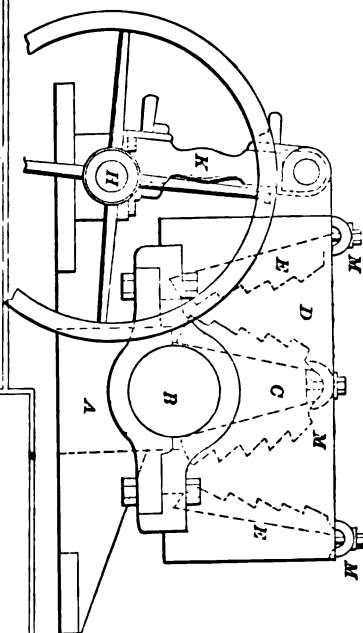
78339—G. Utley—Plow.



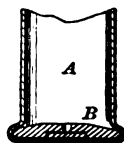
78335—A. B. Sprout—Horse Hay Fork.



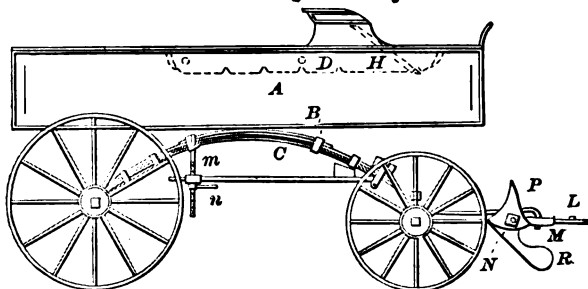
78332—H. H. Souville—Stone Breaker.



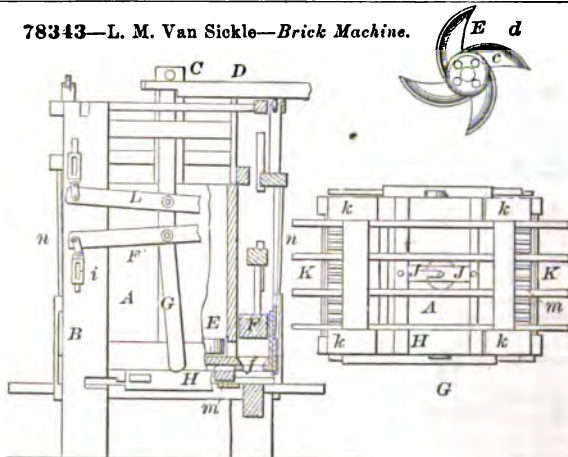
78337—W. Tibbals—Priming Cartridge.



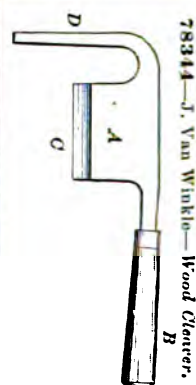
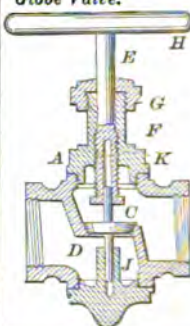
78340—J. D. Van Hovenbergh—Carriage.



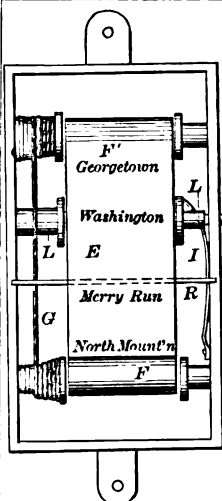
78343—L. M. Van Sickle—Brick Machine.



78342—J. B. T. Van Patten—Globe Valve.

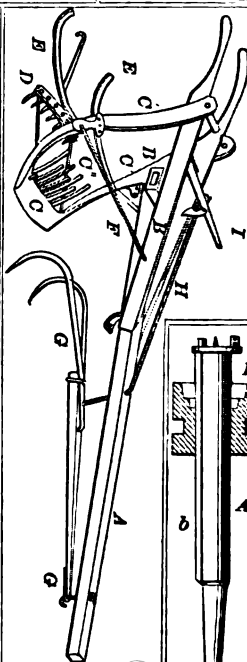
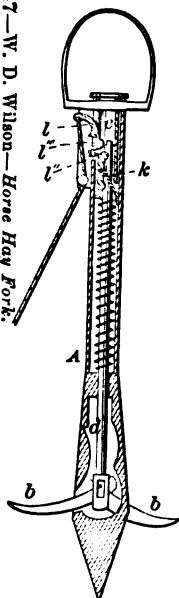


78344—J. Van Winkle—Wood Cleaver.



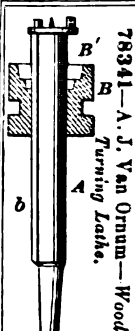
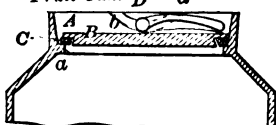
78349—J. F. Zacharias—Railroad Station Indicator.

78347—W. D. Wilson—Horse Hay Fork.



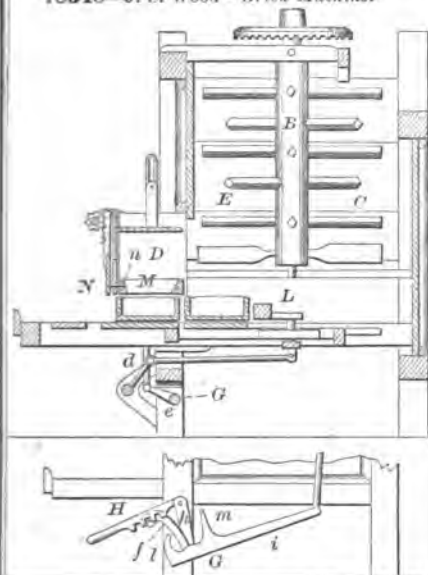
78345—O. Vowles—Potato Digger.

78346—J. R. Williamson—Fruit Can.

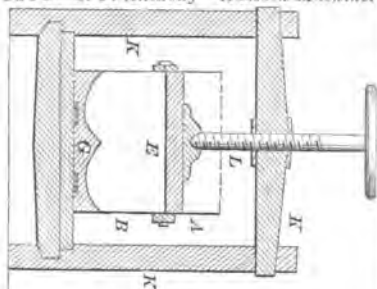


78341—A. J. Van Ornum—Wood Turning Lathe.

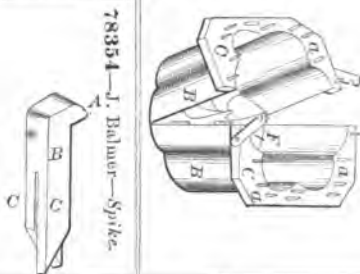
78348—J. S. Wood—Brick Machine.



78350—C. F. Anthony—Hassock Machine.



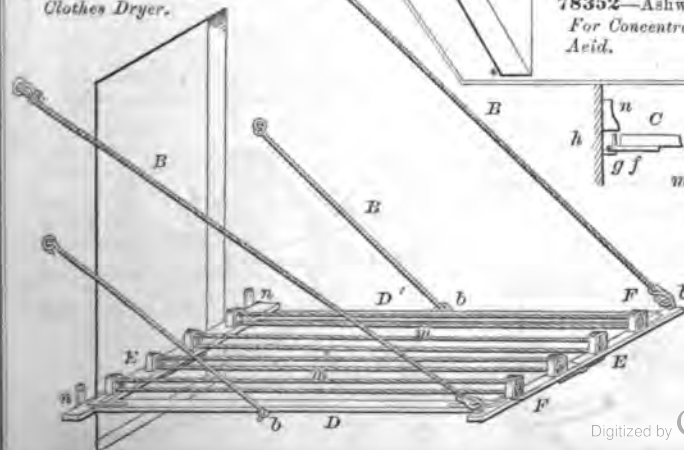
78354—J. Palmer—Spike.



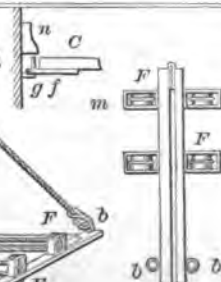
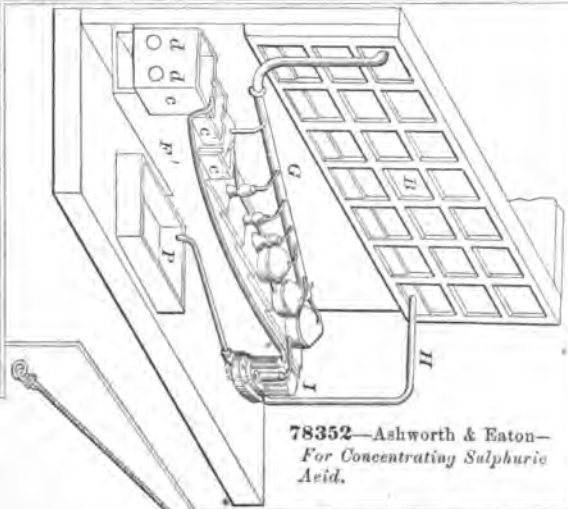
78356—C. W. Barnes—Spring Catch and Stop.



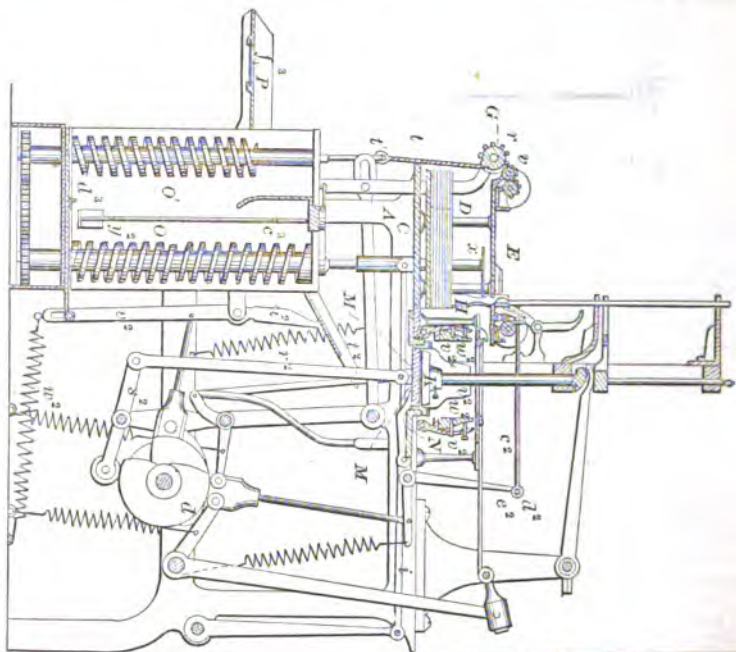
78351—W. Arroquier—Clothes Dryer.



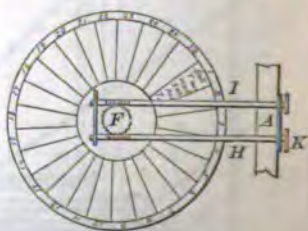
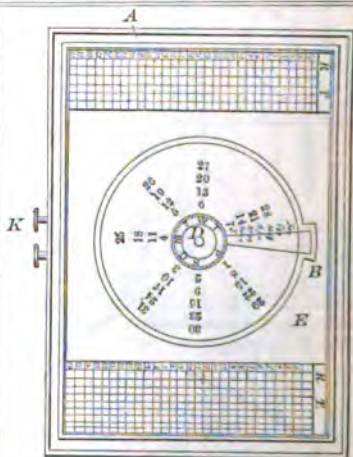
78352—Ashworth & Eaton—For Concentrating Sulphuric Acid.



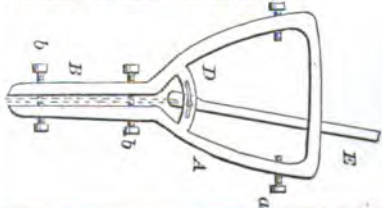
78353—J. Ball—Envelope Machine.



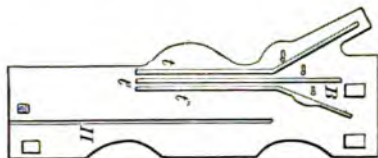
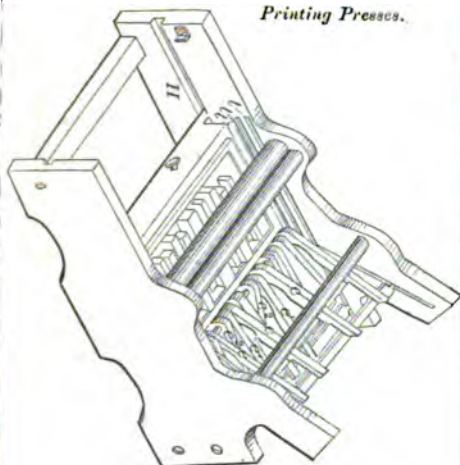
78356—S. L. Jarvis—Perpetual Calendar.



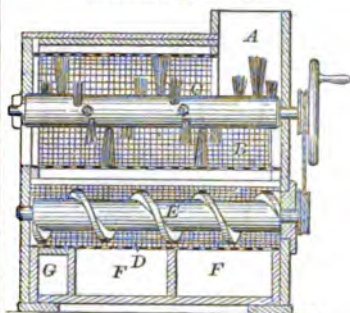
78357—F. Bates—Saw Set.



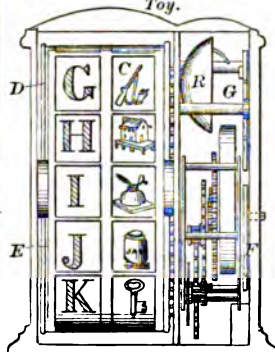
78358—T. L. Baylies—*Inking Apparatus for Printing Presses.*



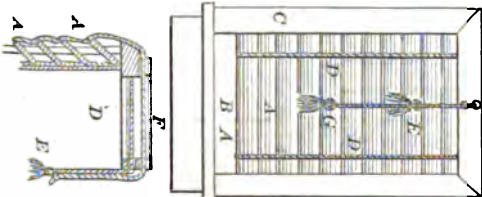
78360—Borgfeldt & Ritterhoff—*For Granulating Tobacco.*



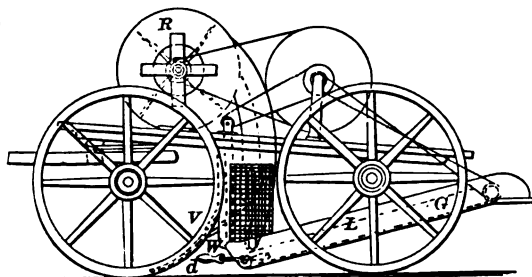
78361—R. J. Clay—*Alphabet Toy.*



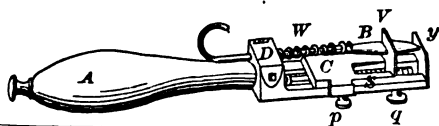
78359—Bellairs & Demott—*Window Blind.*



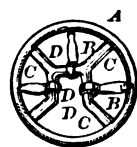
78362—R. F. Cooke—*Cotton Picker.*



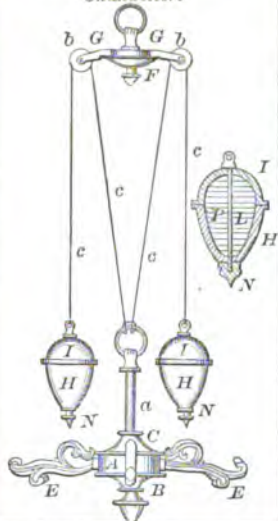
78363—W. De Camp—*Paring Knife for Roots and Shoes.*



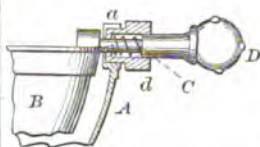
78364—P. S. Crawford—*Harness Buckle.*



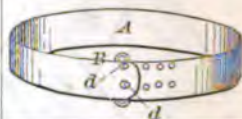
78365—J. A. Evarts—
Chandelier.



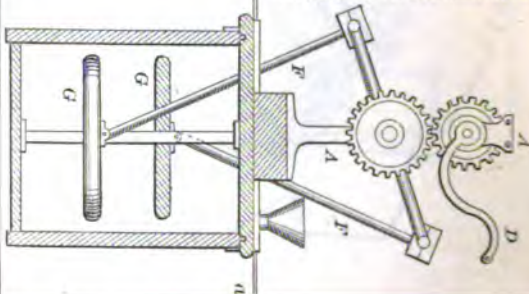
78366—W. A. Fenn—
Covered Dish.



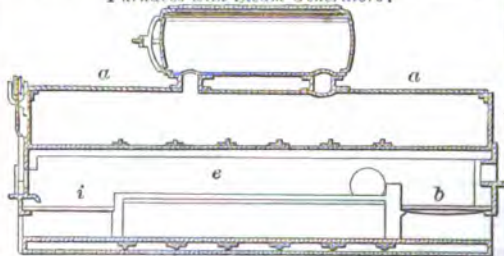
78367—M. I. Findley—
Waist Belt or Girdle.



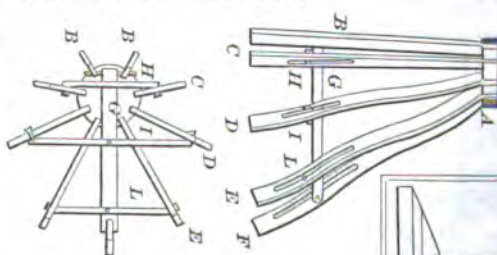
78368—I. N. Frost—Churn.



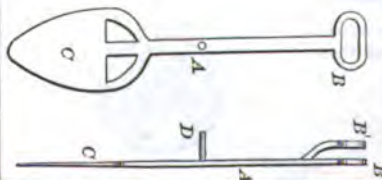
78370—Hawksley & Wild—Combination of Puddling
Furnaces with Steam Generators.



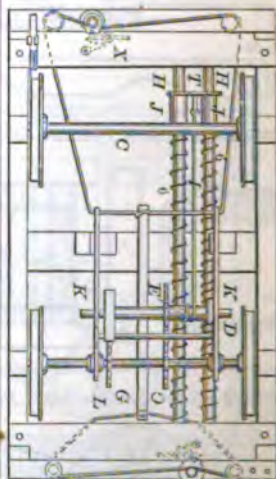
78374—F. Hall—Skirt Former.



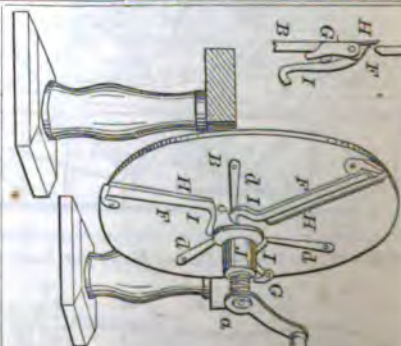
78369—F. Gerfen—Hay Cutter.



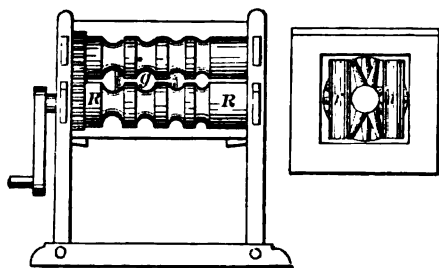
78371—M. Henderson—Car Brake and Starter.



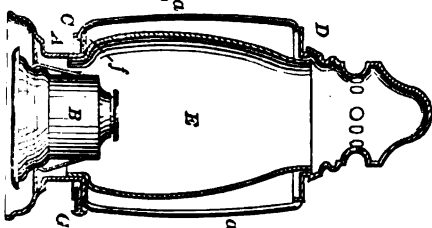
78373—E. Holmes—Vegetable Slicer.



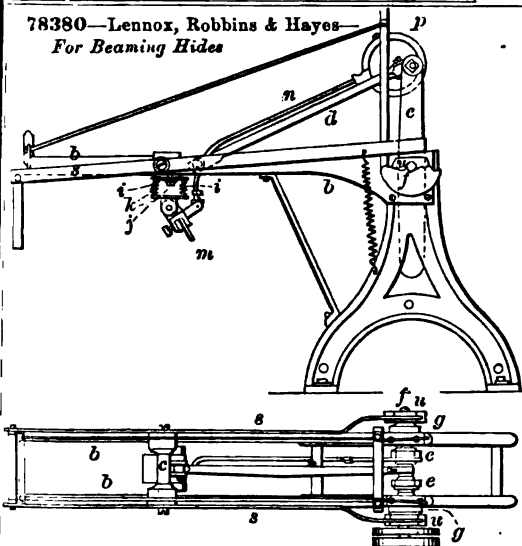
78376—J. A. Hunter—For Straightening Tobacco.



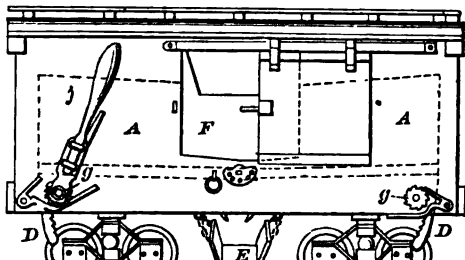
78378—T. Langston—Lantern.



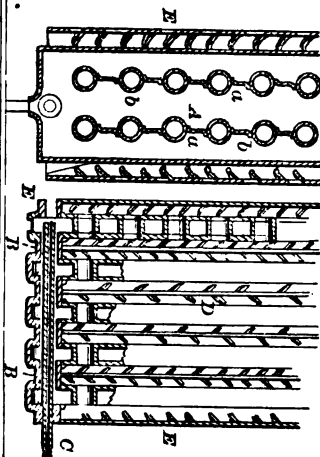
78380—Lennox, Robbins & Hayes—
For Beaming Hides



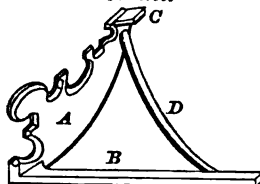
78383—Long & Lavey—Grain Car.



78377—Kessler & Onstale—Steam Heater.



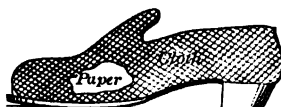
78381—A Levery—Running
Cornice.



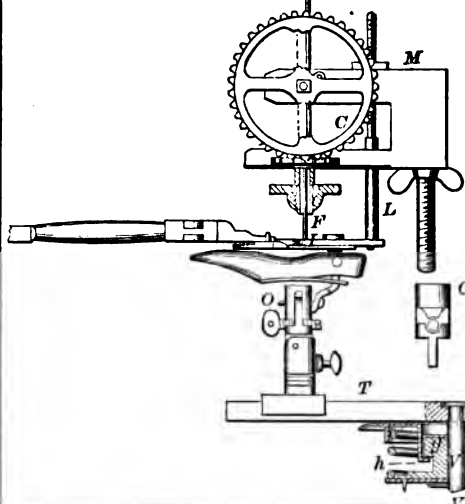
78382—W. Lindon—Watch
Key.



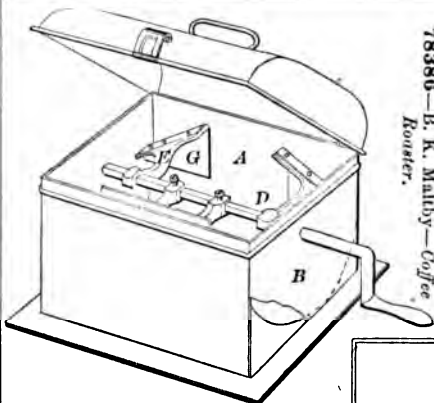
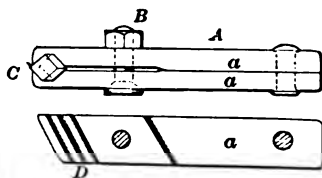
78384—R. O. Lowrey—Shoe.



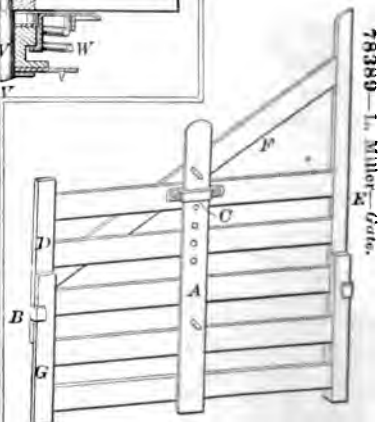
78385—N. Lumsden—Boots and Shoes.



78387—J. P. Manton—Holder for Lathe Planers.

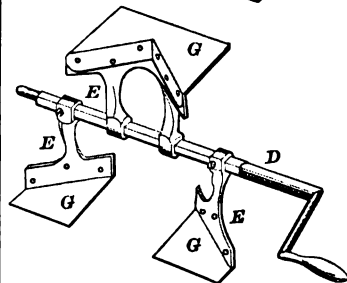


78386—B. K. Mundy—Coffee Roaster.

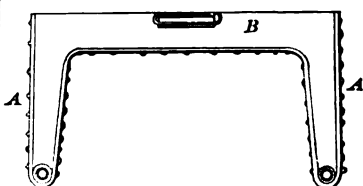


78389—L. Miller—Gate.

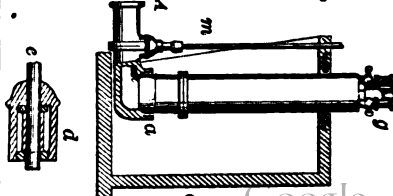
78390—H. W. Neal—Plow.



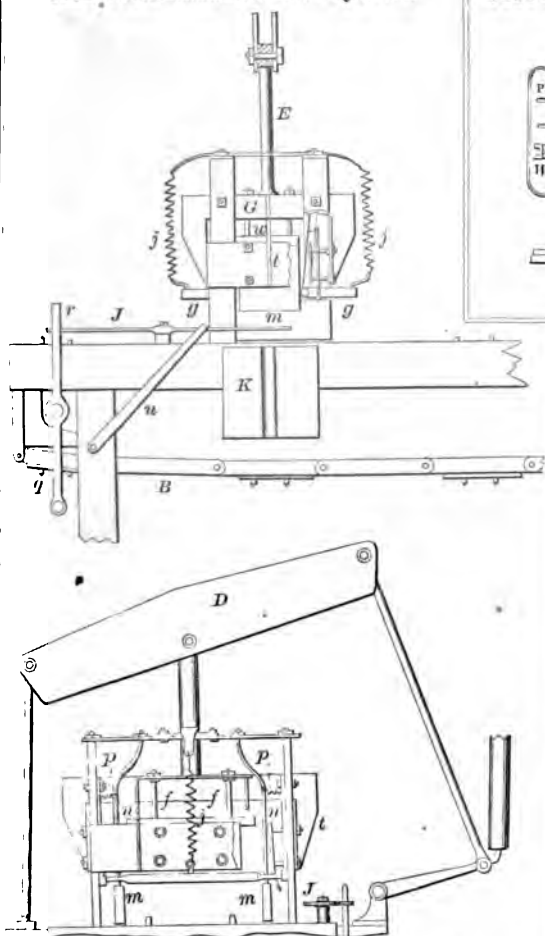
78391—G. L. Parker—Sap Boiler.



78393—J. H. Rhodes—Fire Plug.



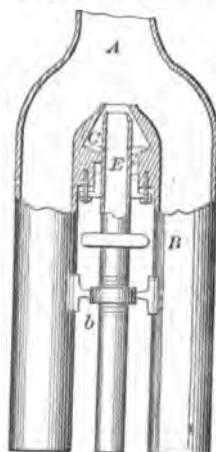
78388—J. McNamara—For Dressing Brick.



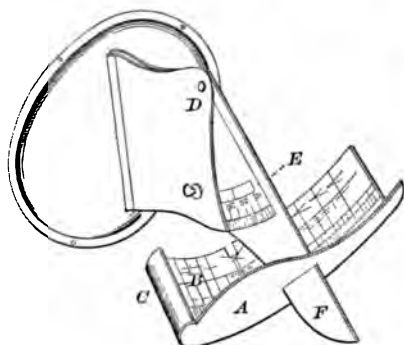
78394—H. S. Ross—Baggage Check.



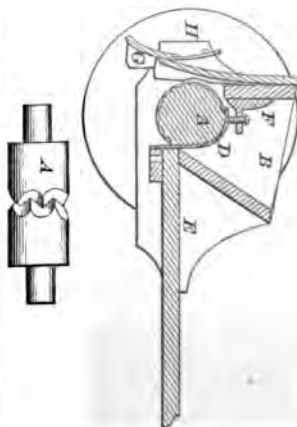
78395—H. S. Ross—Steam Water Ejector.



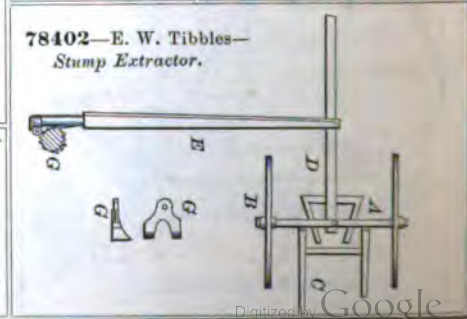
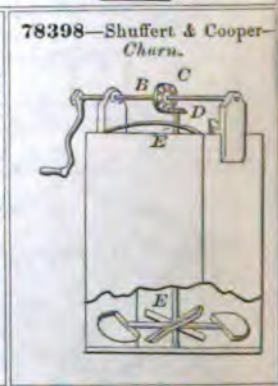
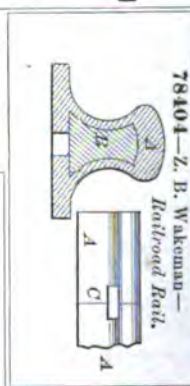
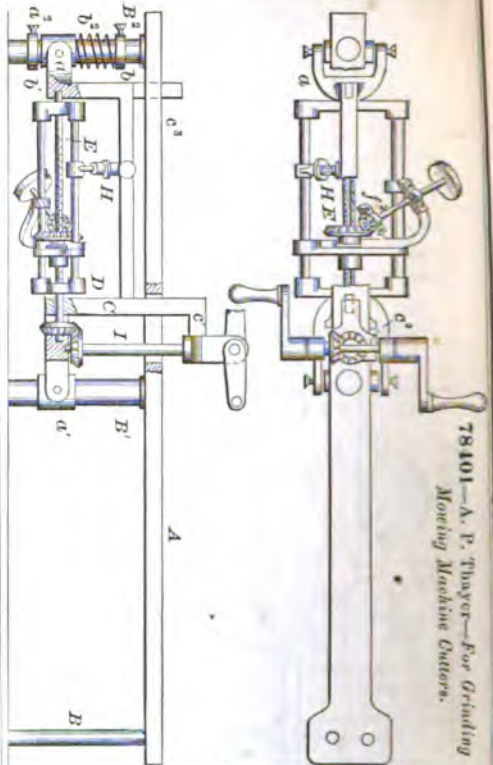
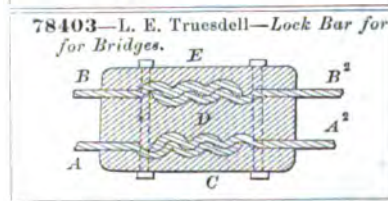
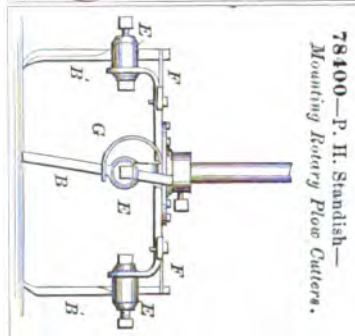
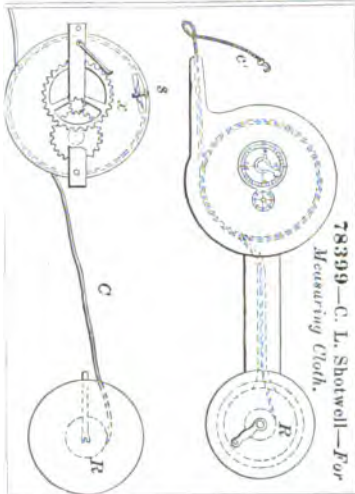
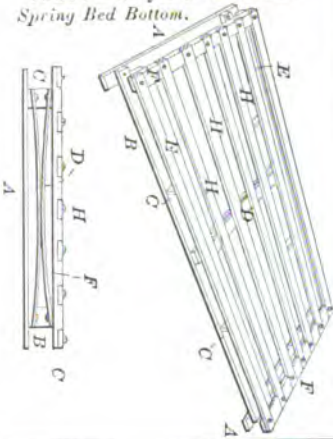
78392—H. C. Pearsons—Sun Dial.



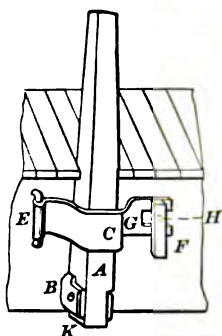
78396—Sanderson & Shattuck—Seed Sower.



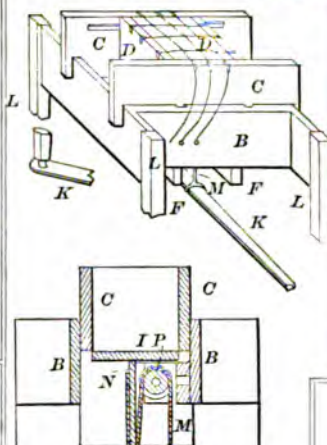
78397—Sawyer & Baldwin—
Spring Bed Bottom.



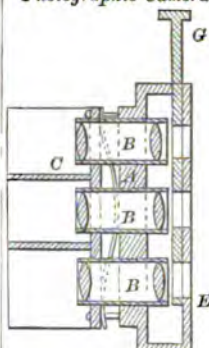
78405—W. P. Wentworth—
Stake Holder for Cars.



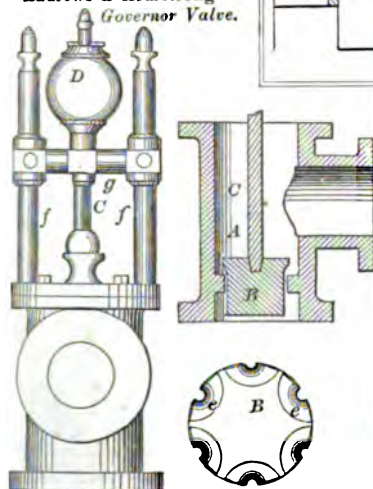
78407—C. Wightman—Wool Box.



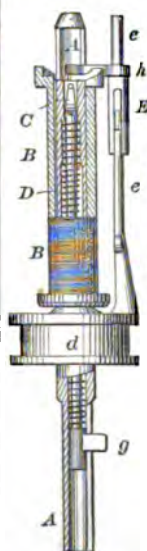
78408—S. Wing—
Photographic Camera.



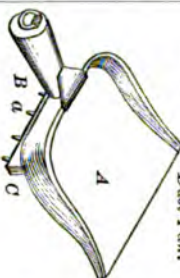
78410—
Andrews & Armstrong—
Governor Valve.



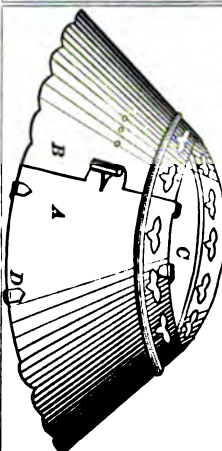
78411—D. Avery—Carrier for Braiding Machines.



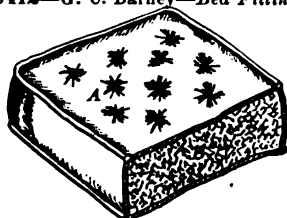
78406—L. F. Wheaton—
Dust Pan.



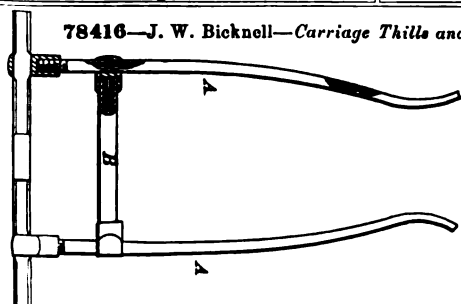
78413—D. W. Bashore—Lamp Shade.



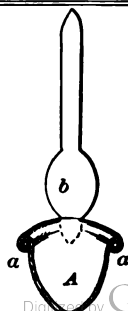
78412—G. C. Barney—Bed Filling.



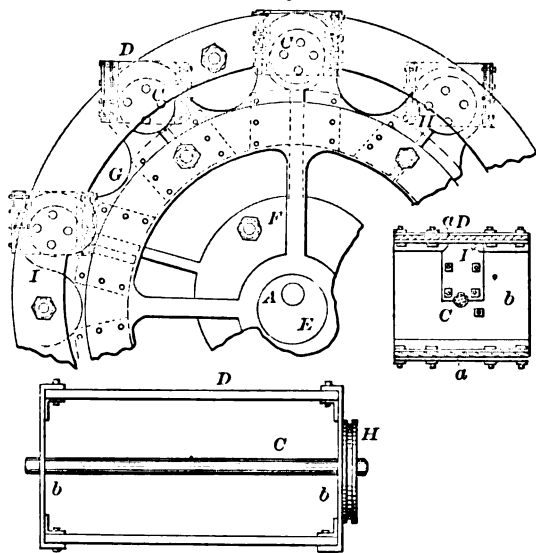
78416—J. W. Bicknell—Carriage Thills and Pole.



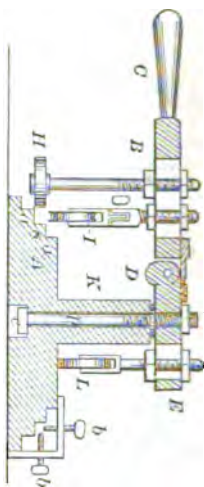
78414—A. F. Baum—
Cutting Knife.



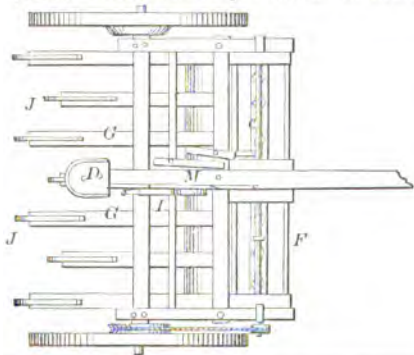
78415—R. Bell—Feathering Paddle Wheel.



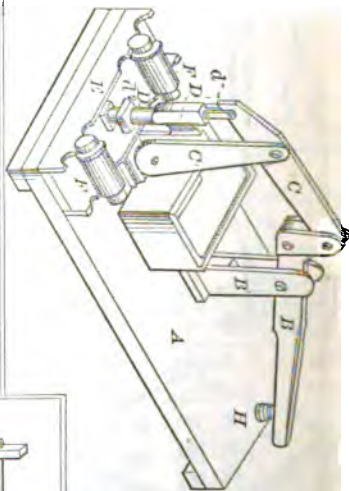
78418—W. Boyd—For Bending Clarks.



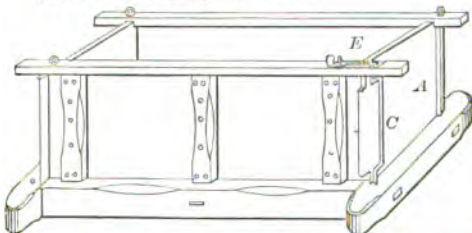
78417—Blood, Hathaway & Beach—Cultivator.



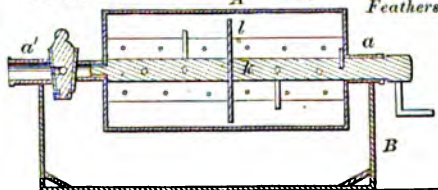
78420—J. M. Bryan—Fire Bending and Punching.



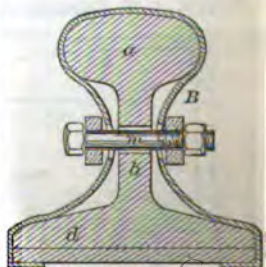
78419—W. Bradley—Cart Body.

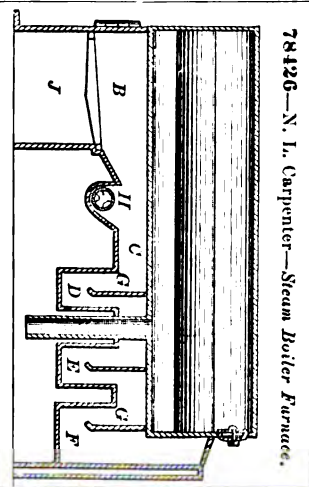
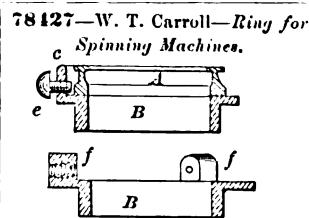
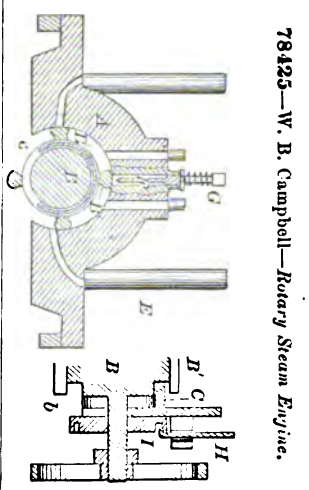
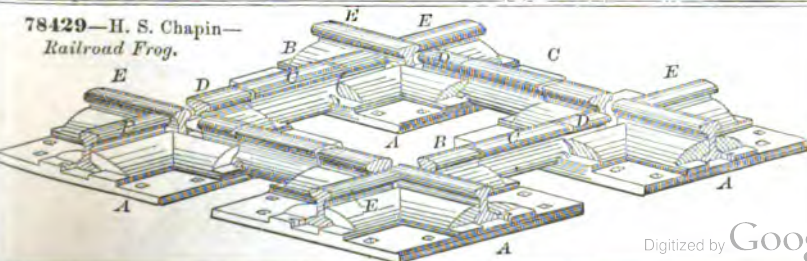
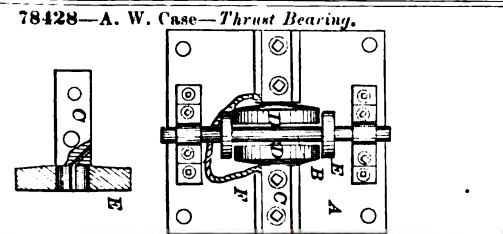
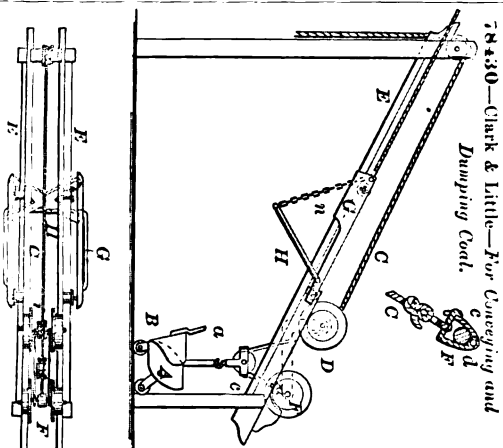
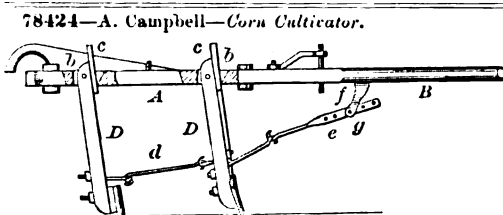
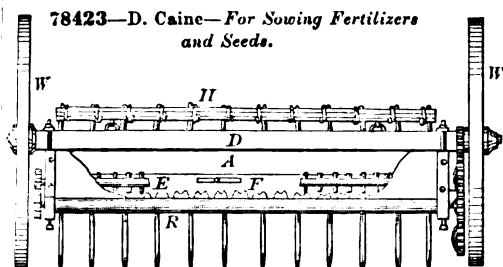


78421—D. Budd—For Cleaning and Renovating Feathers.

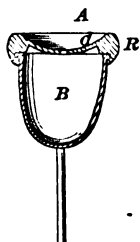


78422—A. G. Buzby—Railroad Rail.





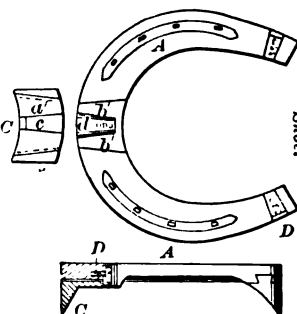
78431—S. P. Cole—
Uterine Supporter.



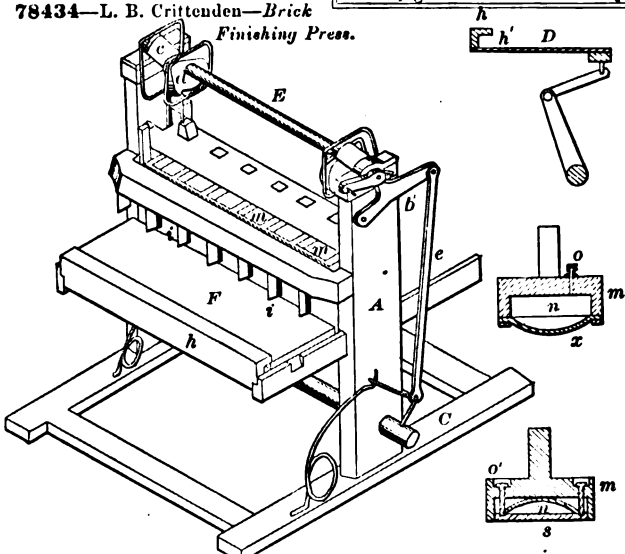
78432—W. H. Cox—*Sand
Threshing Machine.*



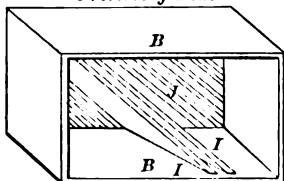
78436—J. M. Cuykendall—*Horse
Shoe.*



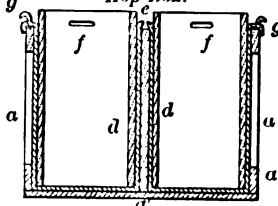
78434—L. B. Crittenden—*Brick
Finishing Press.*



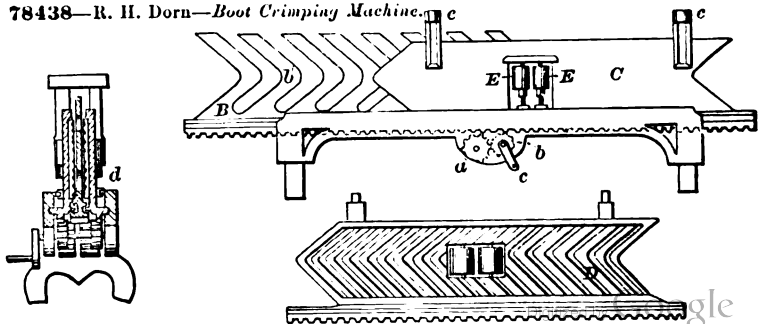
78437—O. E. Doolittle—*Fruit
Preserving Box.*



78433—W. R. Crandall—*Hop Box.*



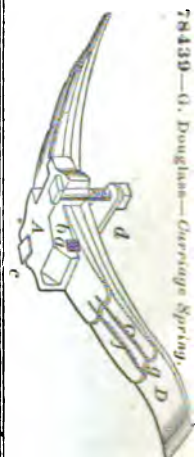
78438—R. H. Dorn—*Boot Crimping Machine.*



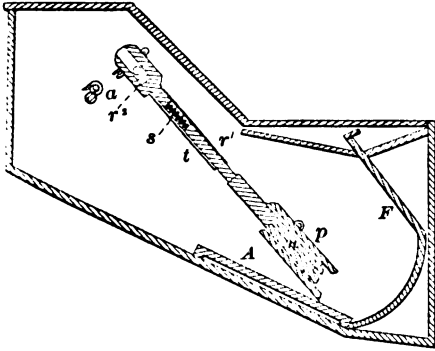
78435—G. H. Cumberly—*File.*



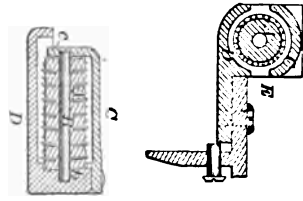
78439—G. Douglas—*Carriage Spring.*



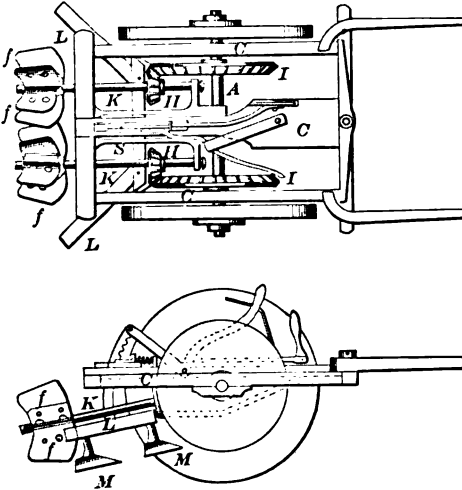
78440—N. Drew—*Washing Machine.*



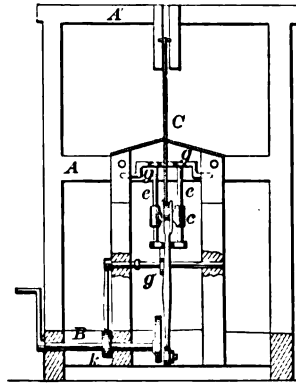
78441—W. W. Dutcher—*Loom Temple.*



78442—H. P. Eckler—*Cultivator and Hoe.*



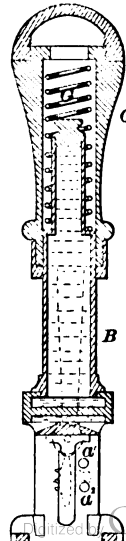
78443—A. R. Ehlers—*Saw Mill.*



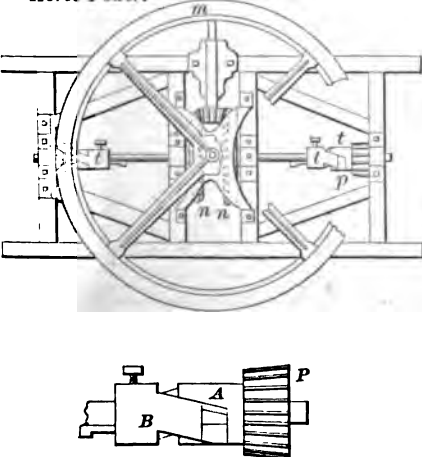
78444—L. H. Emons—*Mop Head.*

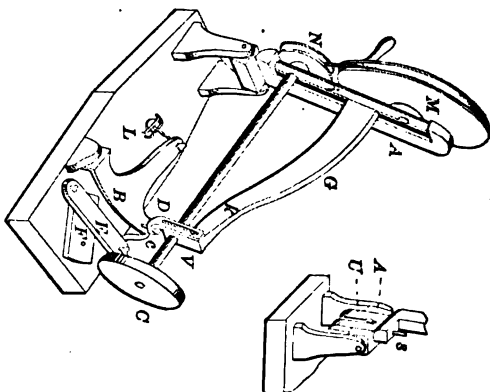
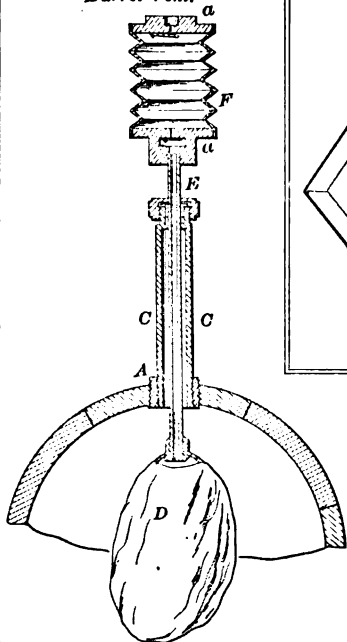
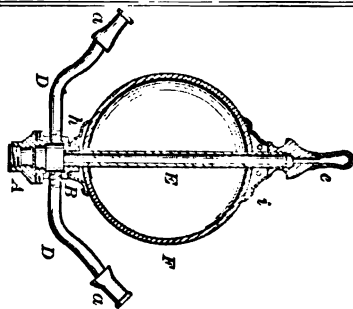


78446—A. Fessler—*Hand Stamp.*

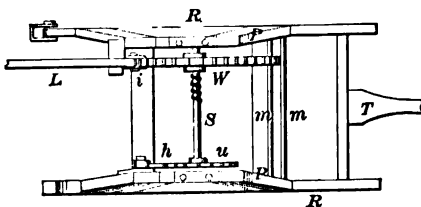
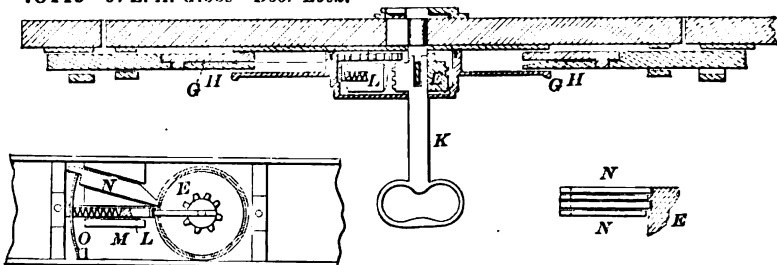


78445—J. S. Everitt—*Adjustment of Gearing for Horse Power.*

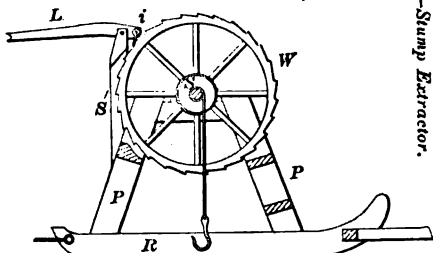


78447—R. C. Fleming—
Barrel Vent.78448—A. French—For Grinding Mowing
Machine Cutters.78451—T. Grlat—
Gas Burner.

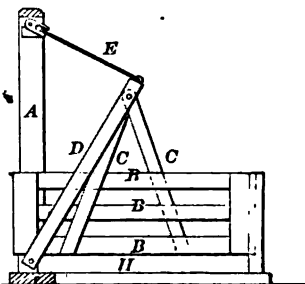
78449—J. E. A. Gibbs—Door Lock.



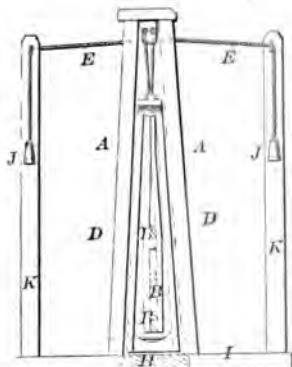
78450—A. Goodrich—Stump Extractor.



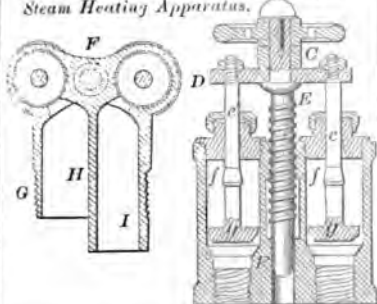
78452—W. C. Hooker—Gate.



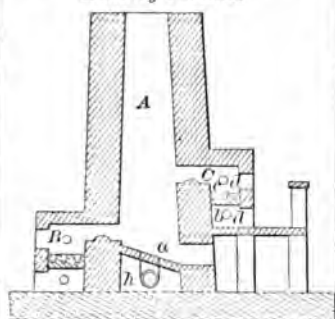
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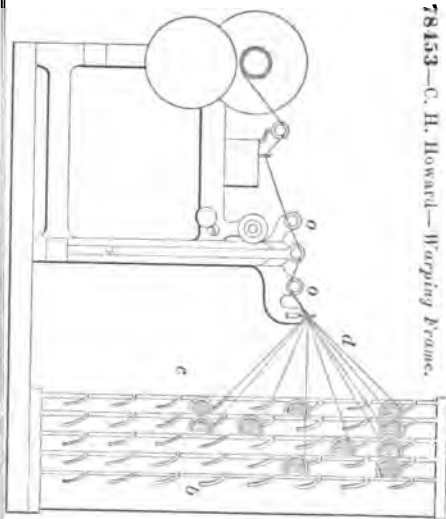
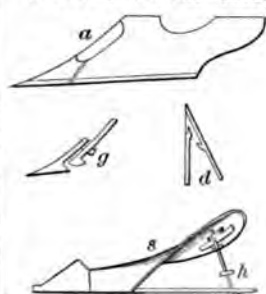
78454—H. Howard—Valve Gear for Steam Heating Apparatus.



78456—E. P. Hudson—Ore Roasting Furnace.

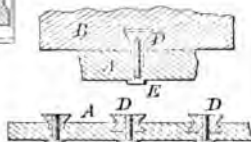
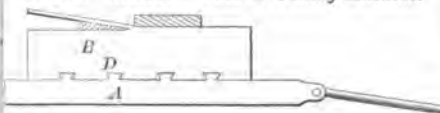


78457—S. Hulbert—Plow.



78453—C. H. Howard—Winding Frame.

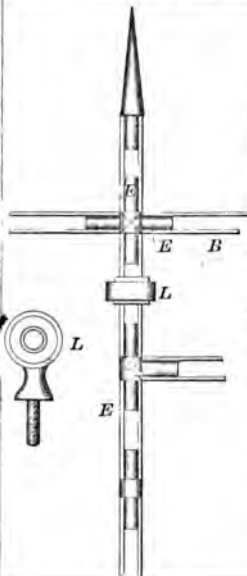
78458—E. Jewett—Veneer Cutting Machine.



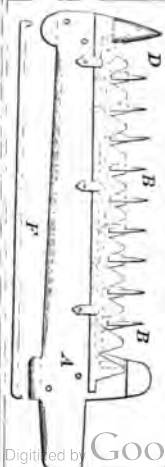
78455—A. Hoyt—Fence.



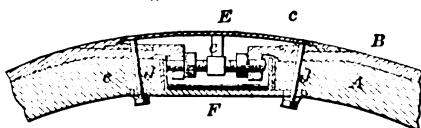
78459—G. Kirtland—Lighting Rod.



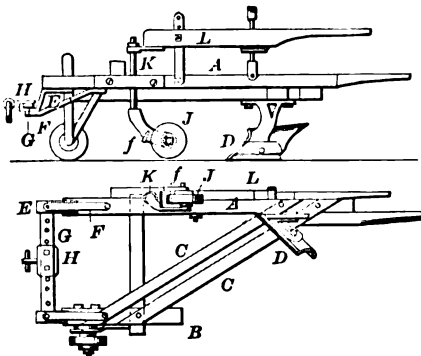
78460—M. Lewis—Horsecar Cutter.



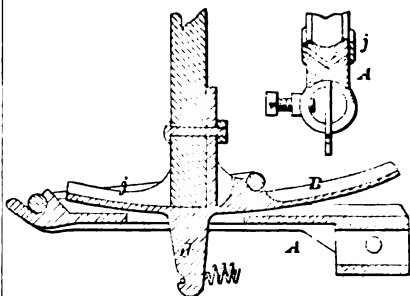
78461—T. R. Markillie—*Tightening Wheel Tires.*



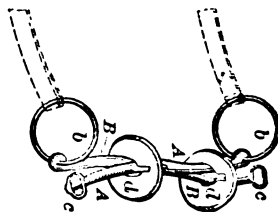
78464—D. C. Matteson—*Gang Plow.*



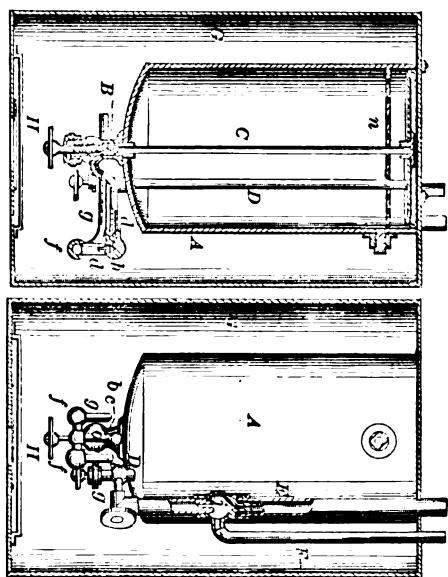
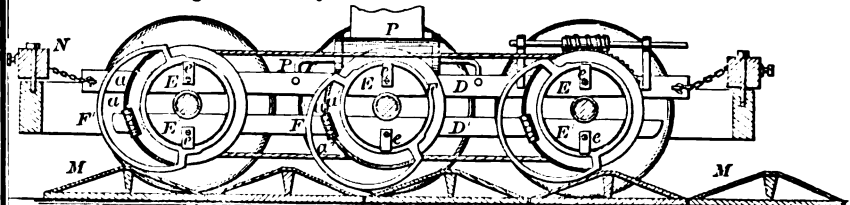
78463—W. Mason—*Mounting Picker Staff.*



78460—P. J. McQuinn—*Bridle Bit.*

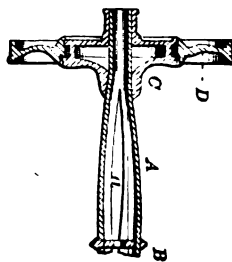


78462—C. Margutti—*Railway.*

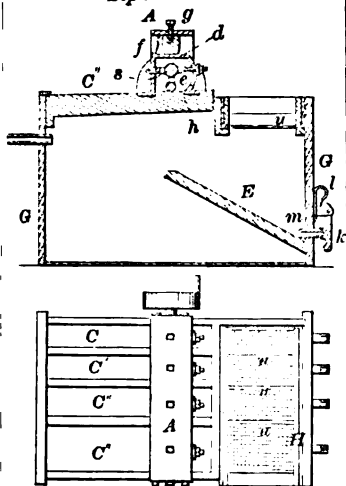


78465—Maxim & Lockwood—*Gas Machine.*

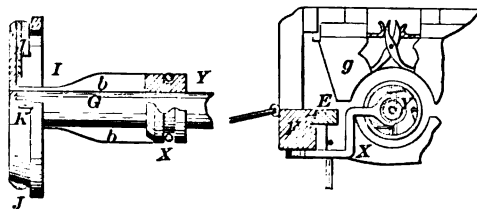
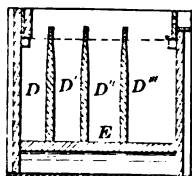
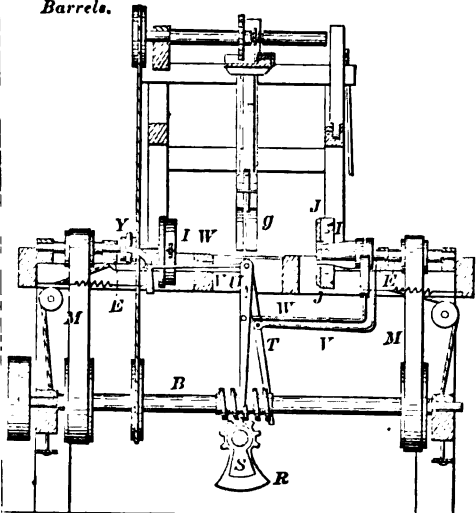
78467—J. Montgomery—*Car Axle and Wheel.*



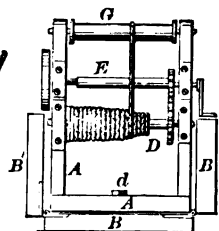
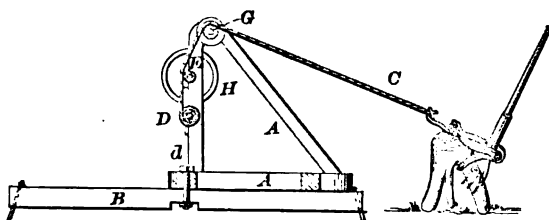
78468—R. C. Morton—Ore Separator.



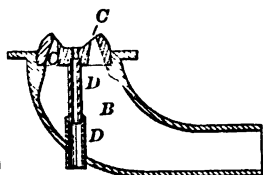
78470—C. Murdock—For Crozing and Chamfering Barrels.



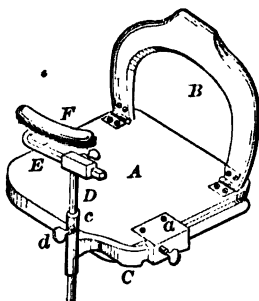
78469—C. Munns—Stump Extractor.



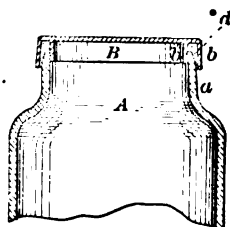
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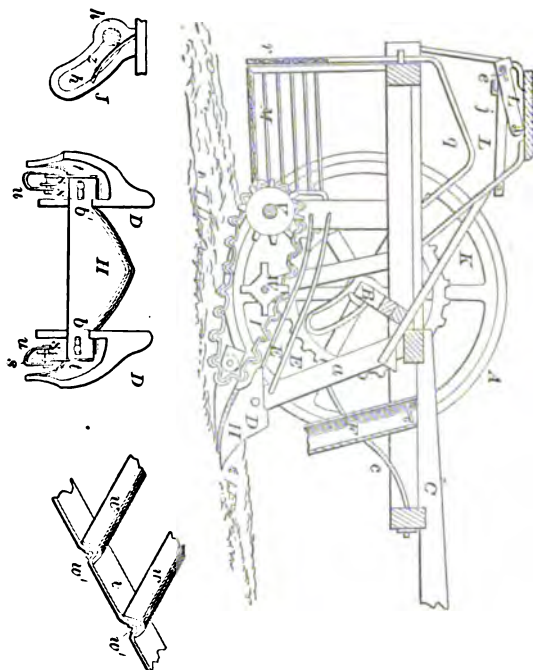
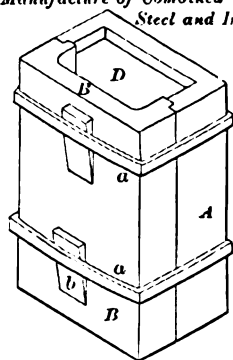
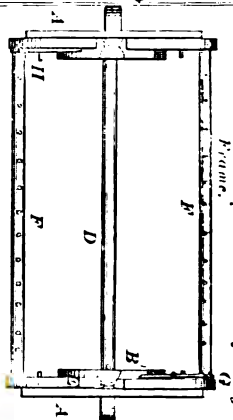
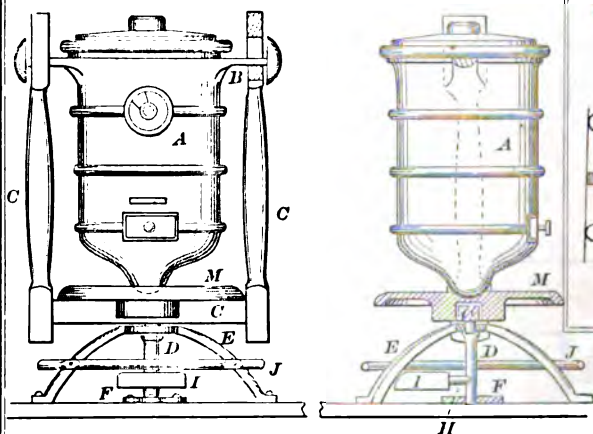
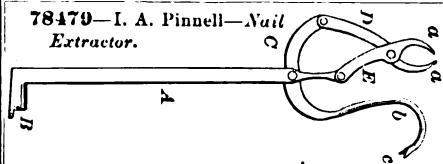
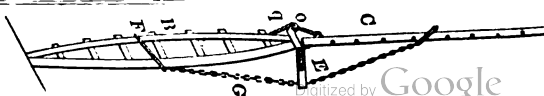


78472—F. Neuhaus—Tailors' Seat.

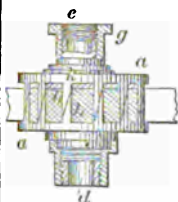


78474—H. B. Norton—Fruit Jar.

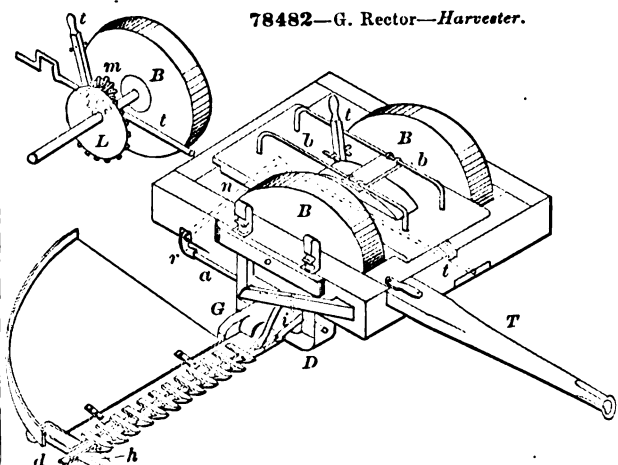


78473—H. B. Norton—*Potato Digger.*78477—J. Park, Jr.—*Manufacture of Combined Steel and Iron*78478—M. E. Phillips—*Table and Quilting Frame.*78475—R. O'Brien—*Car Stove.*78479—I. A. Pinnell—*Nail Extractor.*78476—G. W. Packer—*Extension Step Ladder.*

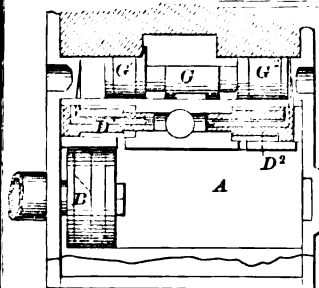
78480—H. Poth—
Wheel.



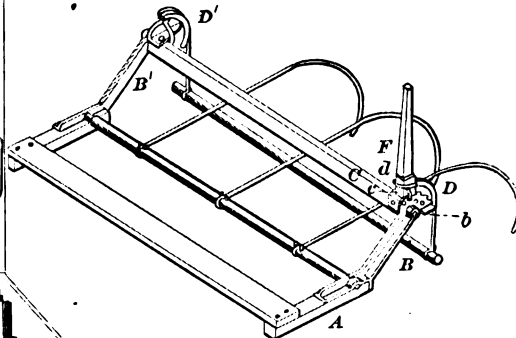
78482—G. Rector—Harvester.



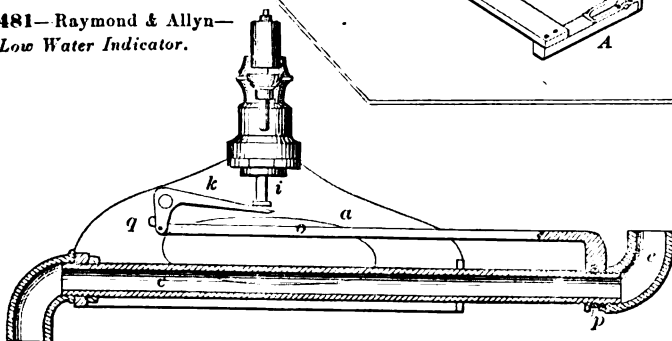
78483—A. K. Rider—
Steam Engine Valve.



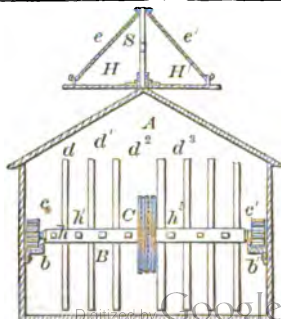
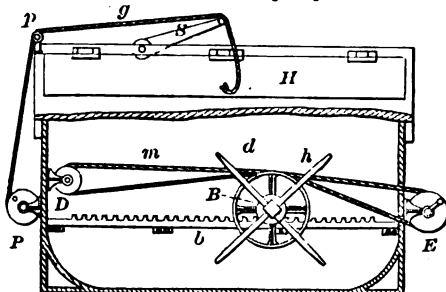
78484—J. S. & I. Rowell—Elevator for Cultivator Bars.

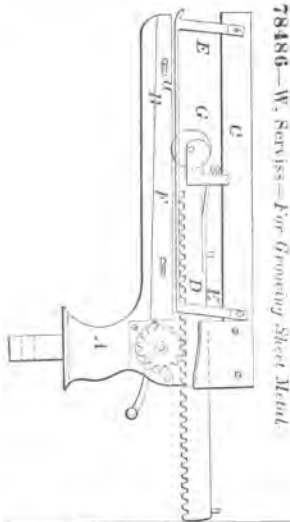
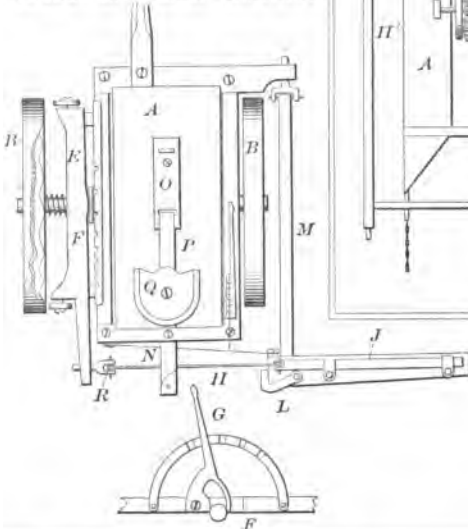
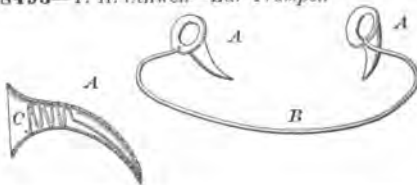
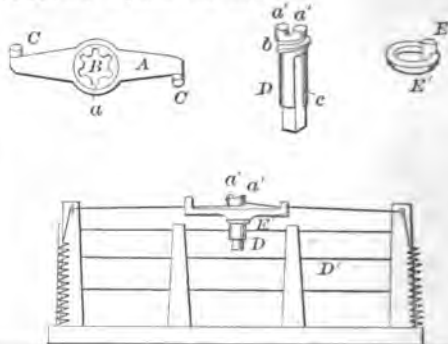
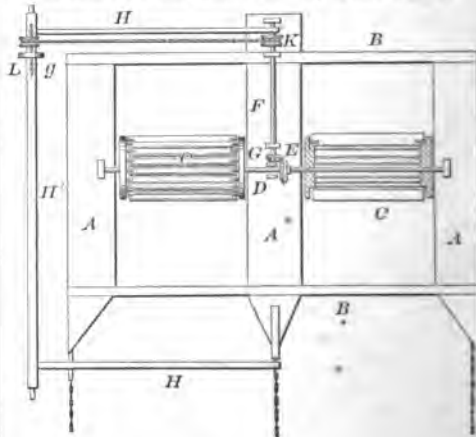
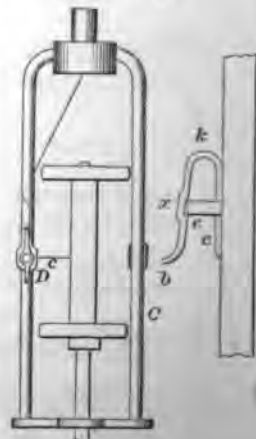


78481—Raymond & Allyn—
Low Water Indicator.

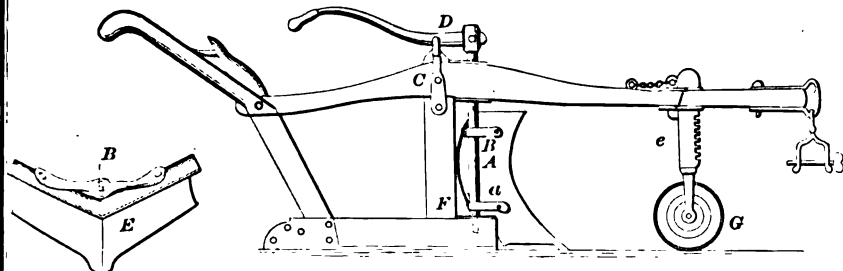


78485—J. S. Sandt—For Curing Hops.

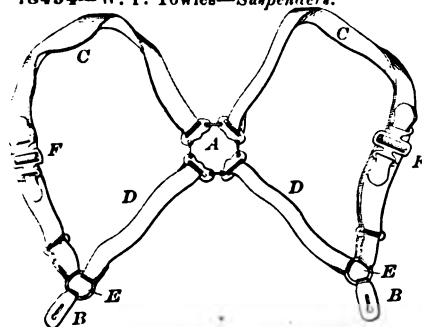


78490—L. D. Snook—*Harvester.*78493—T. H. Stilwell—*Ear Trumpet.*78491—W. W. Spencer—*Self-Fastening Buckle.*78487—C. Seyler—*Vine Trellis.*78488—A. B. Shepard—*Floating Water Power.*78489—H. Silver—*Spinning Machine Flyer.*

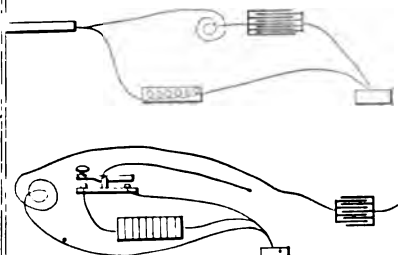
78492—C. Ph. Steinmetz—*Plow.*



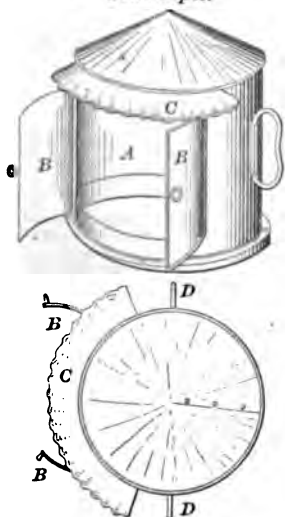
78494—W. P. Towles—*Suspenders.*



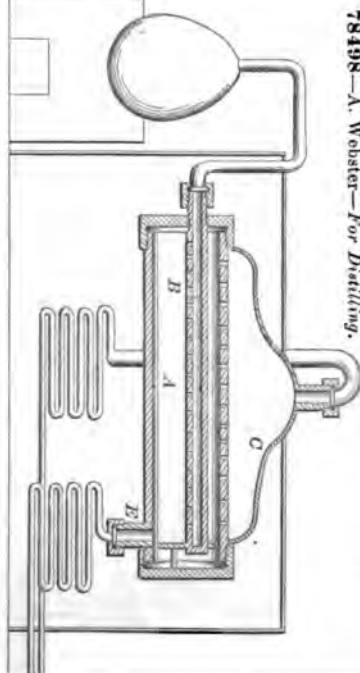
78495—C. F. Varley—*Telegraphing.*



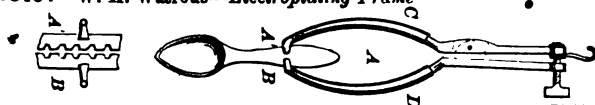
78496—G. Warner—*Cap for Marine Stove Pipes.*



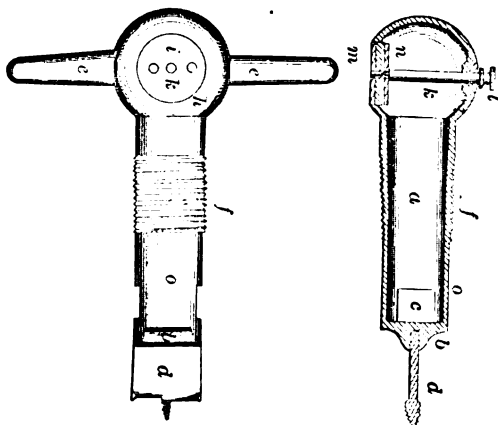
78498—A. Webster—*For Distilling.*



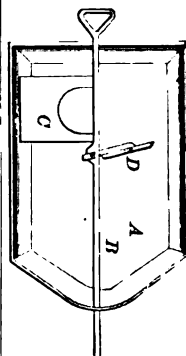
78497—W. H. Watrous—*Electroplating Frame*



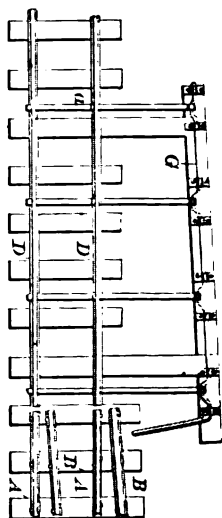
78499—A. Weed—Self-Boring Stop Cock.



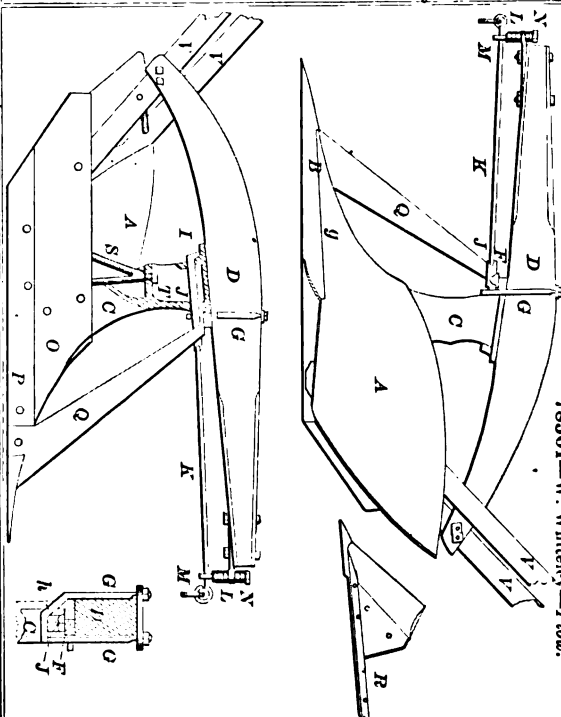
78502—H. Willard—Butter Worker.



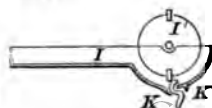
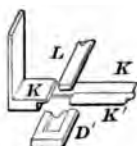
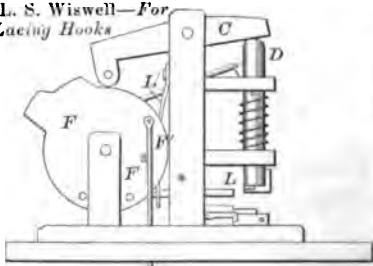
78500—W. Wharton, Jr.—Lacing Station.



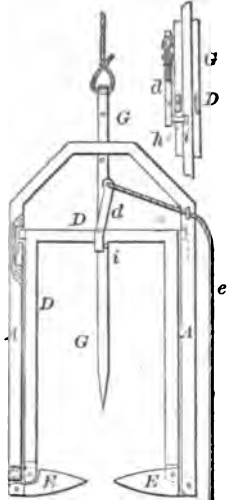
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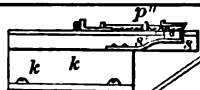
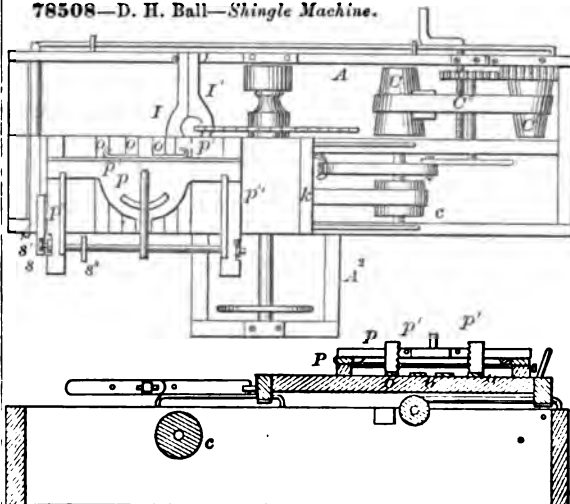
78503—L. S. Wiswell—For Fastening Lacing Hooks to Gaiters.



**78504—J. Wolfrom—
Horse Hay Fork.**



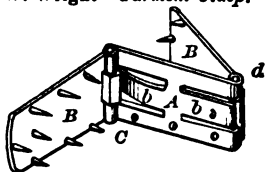
78508—D. H. Ball—Shingle Machine.



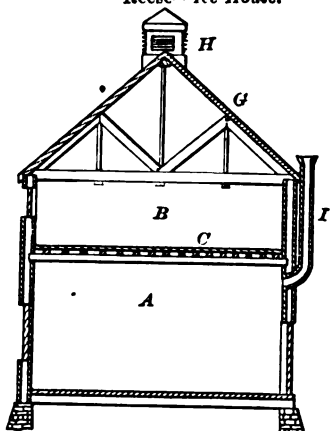
78506—W. Aiken—Knitting Machine Needle.



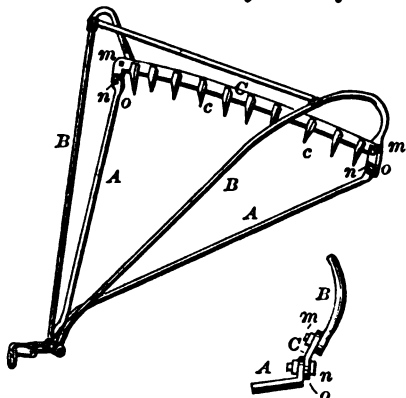
78505—W. Wright—Garment Clasp.



**78507—Baierle, Hartmann &
Reese—Ice House.**

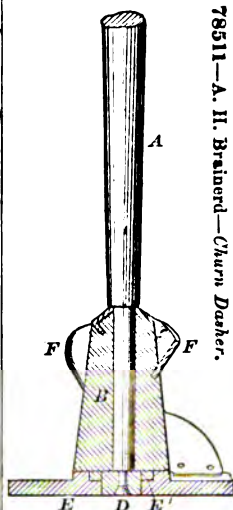


78509—C. T. Belbin—Oyster Dredge.



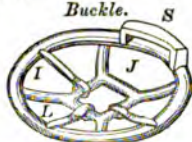
**78510—Bodine & Hill—For Operating
Water Wheel Gates.**



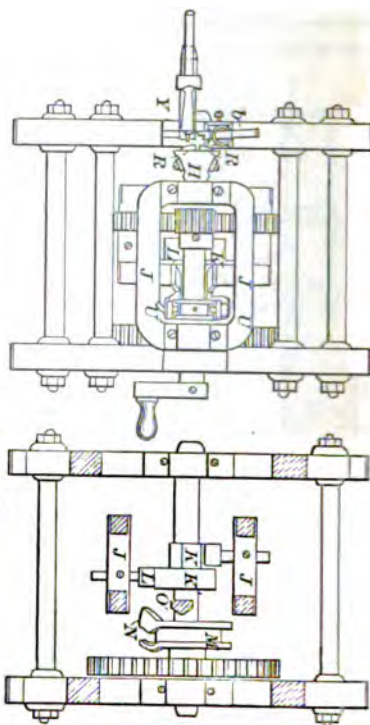
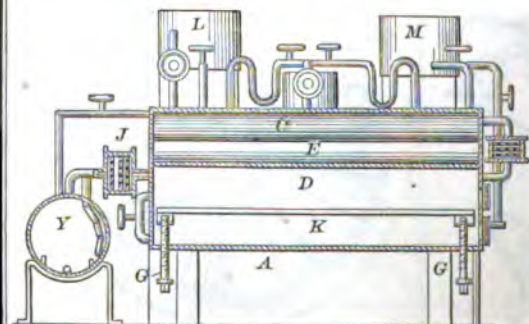
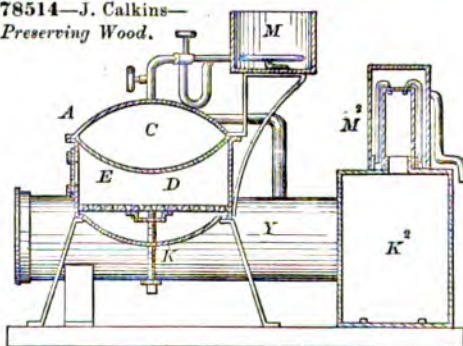


78511—A. H. Brainerd—Churn Dasher.

78516—F. Ditton—Halter Buckle.



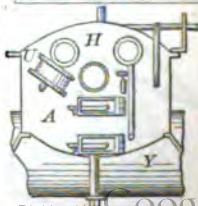
78514—J. Calkins—Preserving Wood.



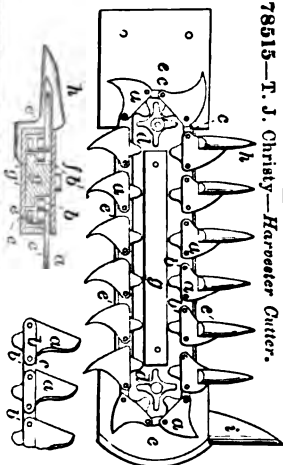
78512—J. Burns—For Shaving Service.



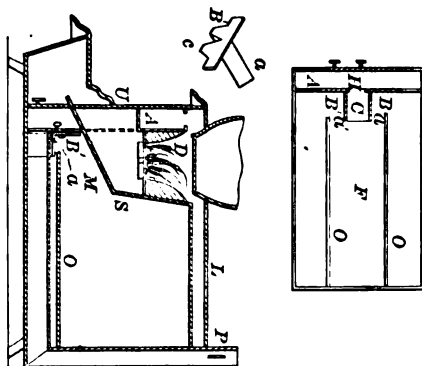
78513—E. Button—Cork Extractor.



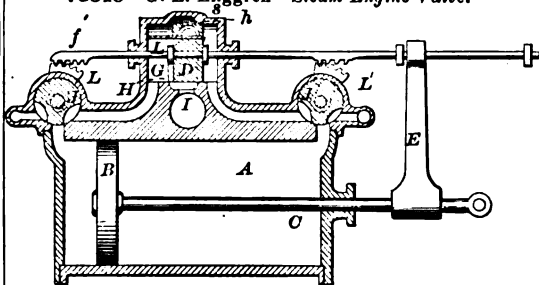
78515—T. J. Christy—Harvester Cutter.



78517—W. Doyle—Cooking Stove.



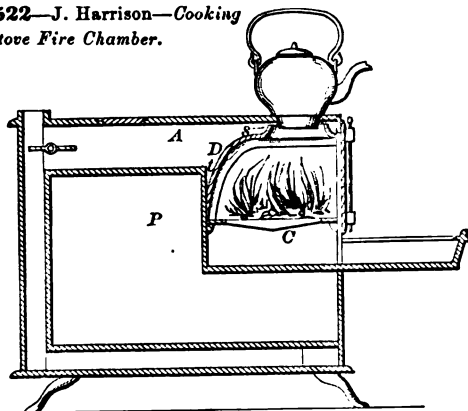
78518—G. L. Enggren—Steam Engine Valve.



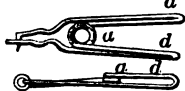
78510—F. H. Escherich—Fire Arm.



78522—J. Harrison—Cooking Stove Fire Chamber.



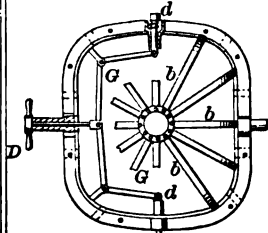
78523—R. Hathaway—Clothes Pin.



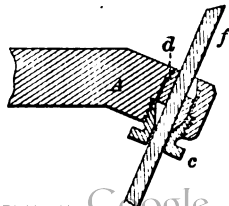
78521—S. W. Gear—Door and Window Catch.



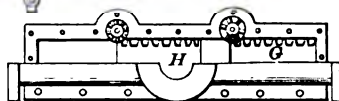
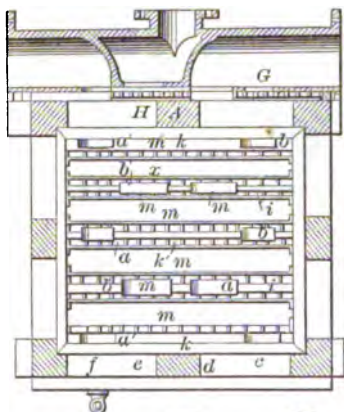
78525—C. Kaestner—Barbers' Chair.



78520—C. H. Fowler—Lathe Tool Holder.



78524—L. Holms—Filter.



78529—J. F. Light—Shaft Coupling.

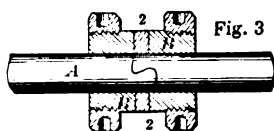


Fig. 3

78526—J. Kepler—Churn.

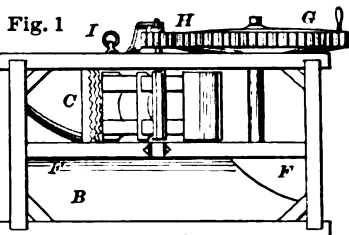


Fig. 4

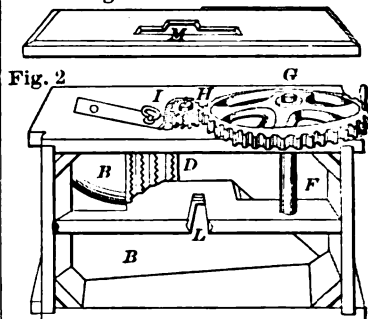


Fig. 2

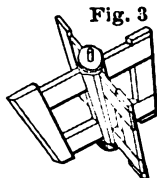


Fig. 3

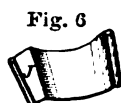
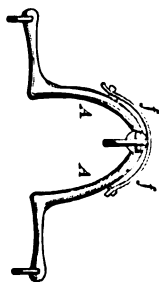
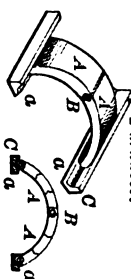


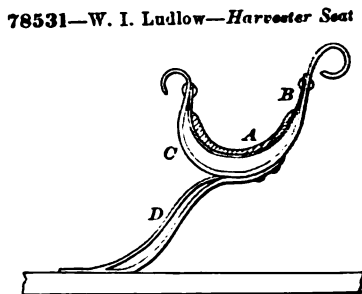
Fig. 6



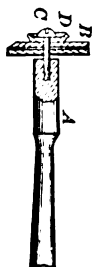
78533—J. McKillop—Bridle.



78527—E. Laase—Arch of Furnaces.

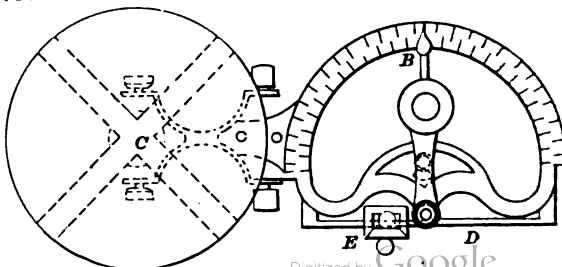


78531—W. I. Ludlow—Harvester Seat

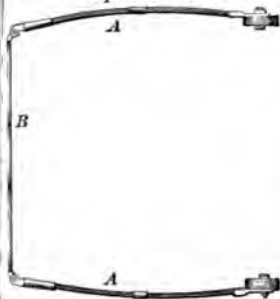


78528—J. Lee—Lamp Chimney Cleaner.

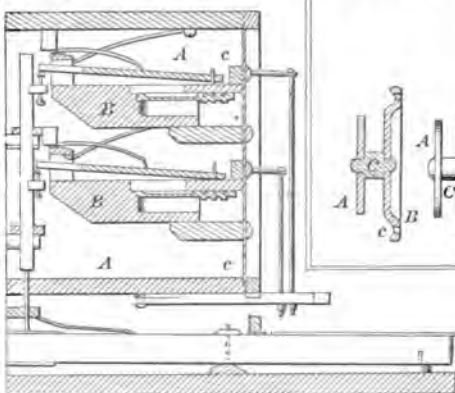
78532—L. A. Matos—Balance.



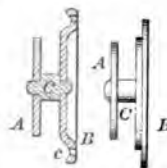
78534—J. Moses—Galvanic Spectacles.



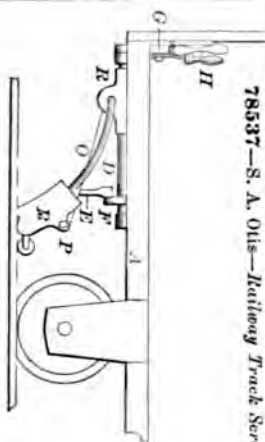
78536—E. P. Needham—Reed Musical Instrument.



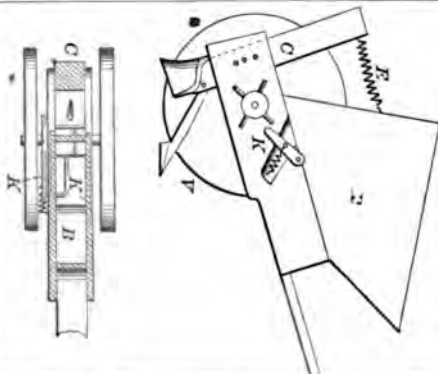
78535—C. Mudler—Button.



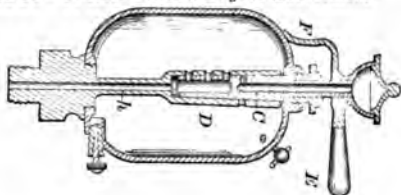
78537—S. A. Oils—Railway Truck Scraper.



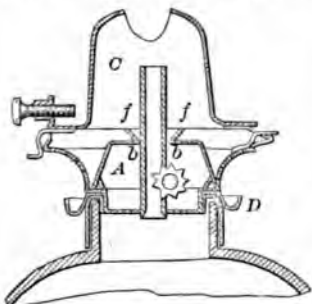
78538—Perkins & Colburn—Seed Sowing Machine.



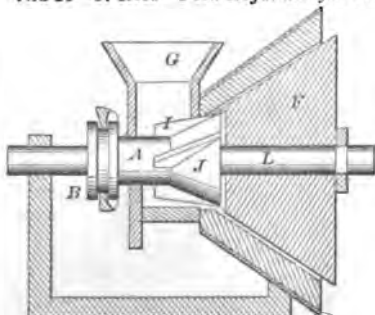
78540—J. Ross—Steam Engine Lubricator.



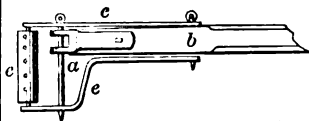
78539—W. Robinson—Lamp Burner.



78541—J. Ross—Feed Regulator for Mills.



78542—R. Sandiford—*Plow Clevis.*



78546—E. F. Stacy—*Nipper.*

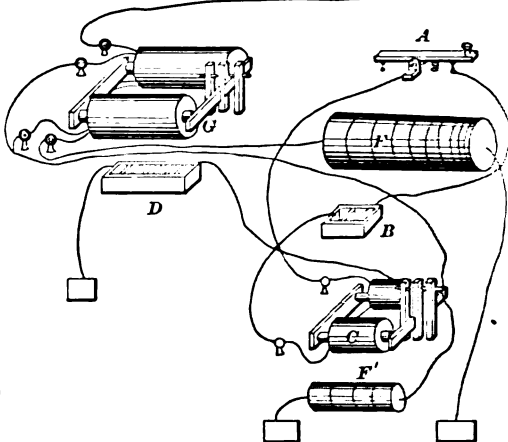


78549—A. S. Stevens—*Fruit Picker.*

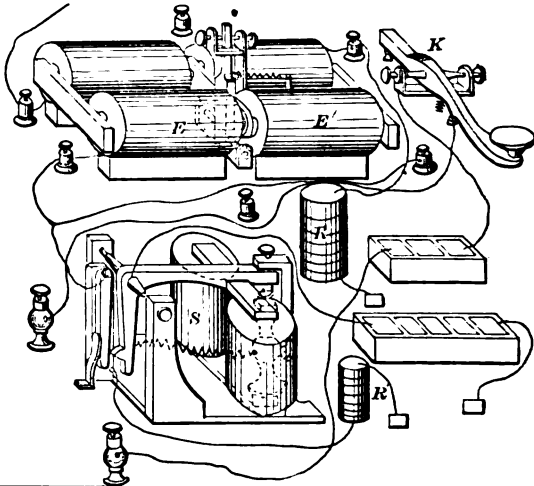


78550—B. D. Stevens—*Axe Handle.*

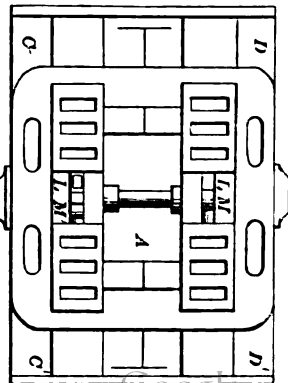
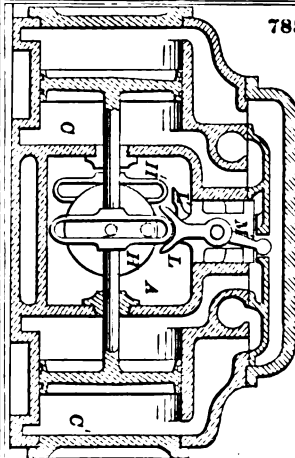
78547—J. B. Stearns—*Telegraph Apparatus.*



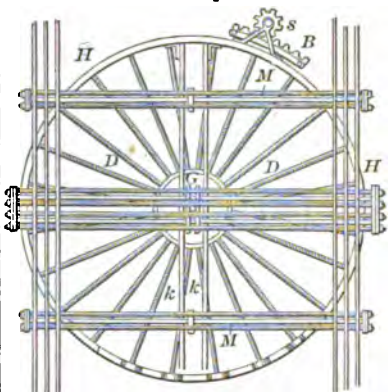
78548—J. B. Stearns—*Telegraph Apparatus.*



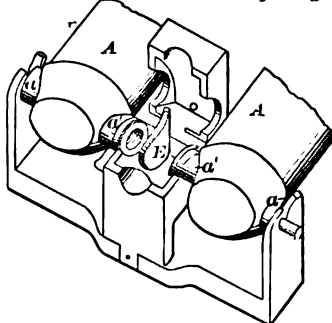
78551—J. Sutherland—*Liquid Meter.*



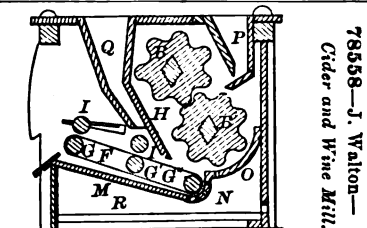
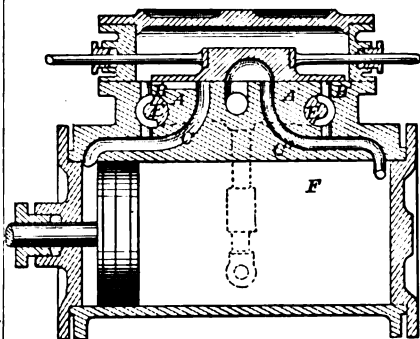
78553—J. K. Thompson—Turn Table.



78555—J. P. Troxell—Sausage Stuffer.

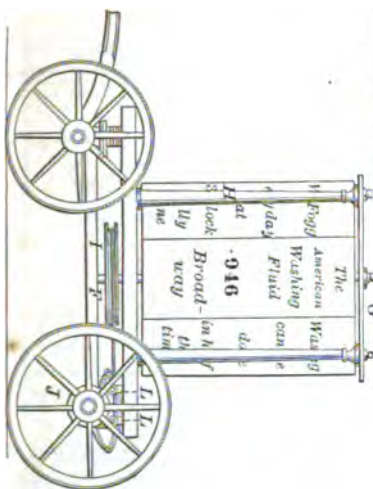


78556—G. Verry—Valve and Steam Passage.

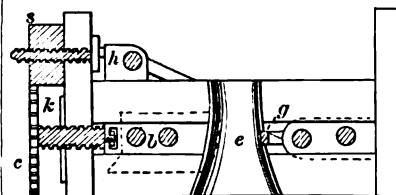
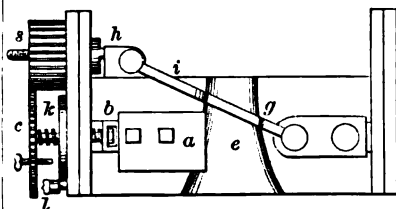


78558—J. Walton—Cider and Wine Mill.

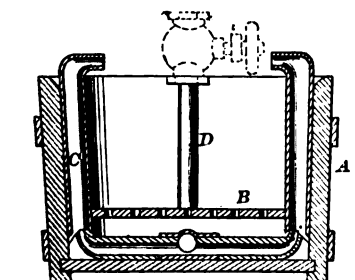
78552—G. W. Thompson—Advertising Wagon.

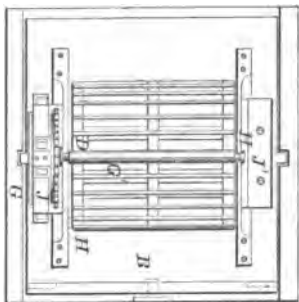
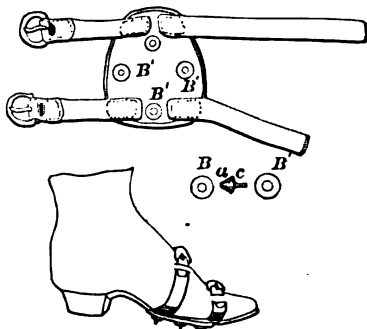
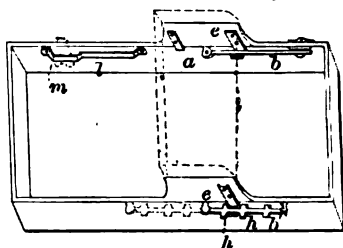
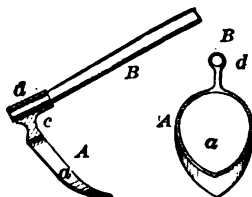
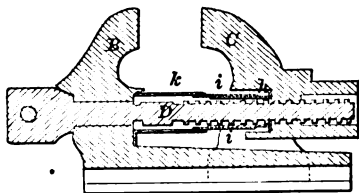
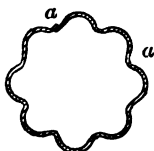
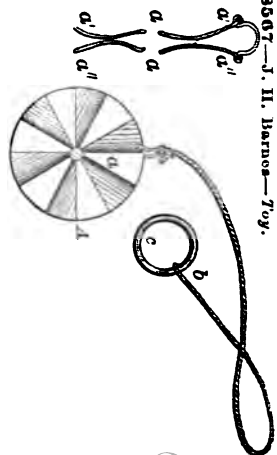


78554—N. L. Tomlinson—For Making Tree-Nails.

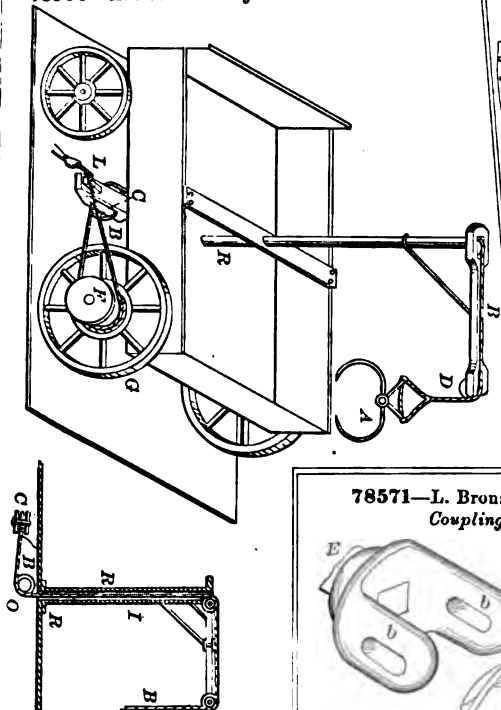


78559—M. Waterhouse—For Dyeing.

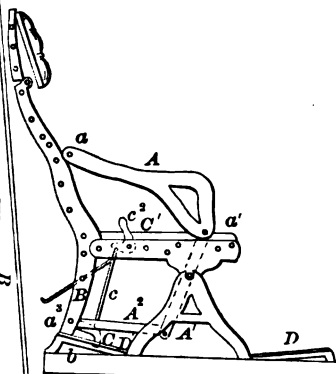


78557—W. W. Virdin—*Tide Motor.*78560—W. C. Wells—*Ice Creeper.*78563—J. H. Adams—*Carriage Seat.*78561—I. N. Wood—*Hoe.*78565—Q. S. Backus—*Vise.*78564—W. Austin—*Sheet Metal Pipe.*78568—A. Bedford—*Harness Buckle.*78567—J. H. Barnes—*Toy.*

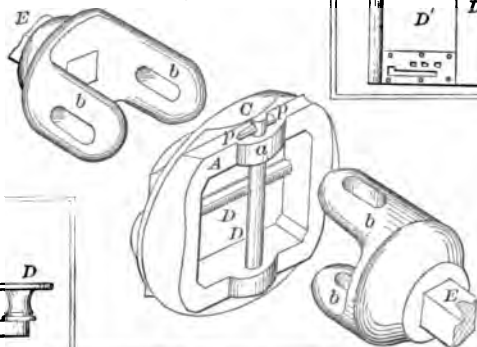
78566—A. Barker—Hay Loader.



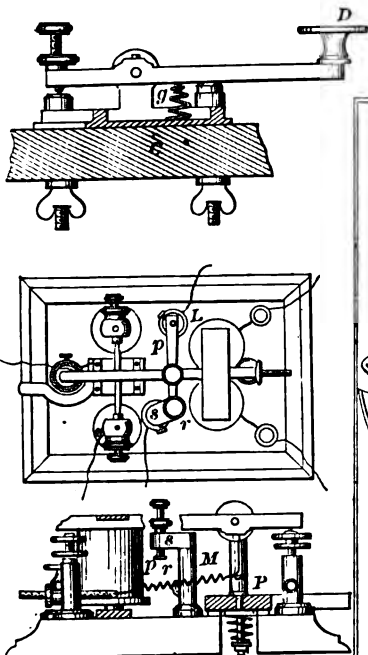
78570—W. N. Bragg—Car Seat and Chair.



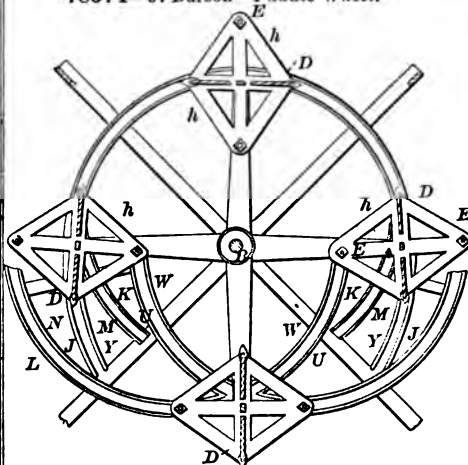
78571—L. Bronson—Shaft Coupling.

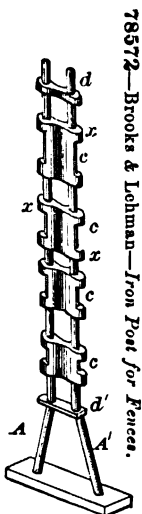


78573—W. G. Brownson—Telegraphic Repeater.

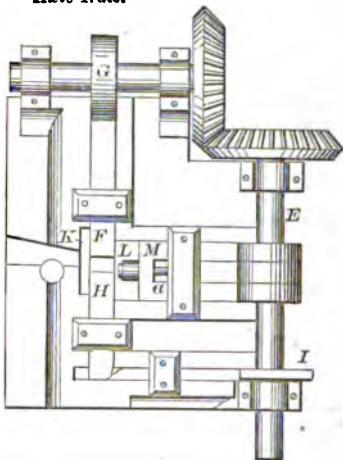


78574—J. Burson—Paddle Wheel.

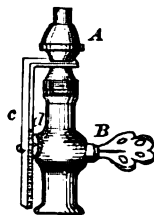




78576—Candee & Taylor—Die for Axle Nuts.



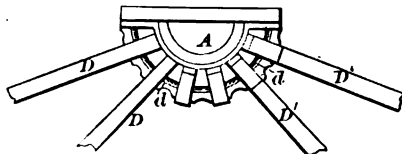
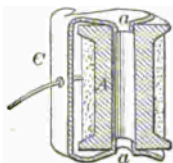
78578—S. L. Cole—Gas Burner.



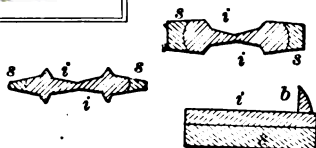
78575—J. M. Butters—Clothes Dryer.



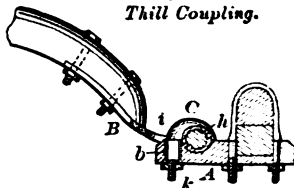
78577—W. C. Cleveland—Spool Guard.



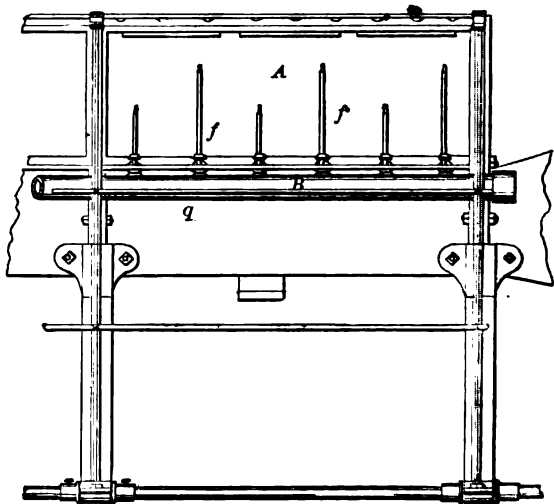
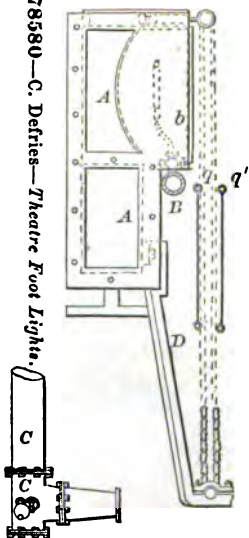
78581—T. Dooley—Toe Calk and Blank.



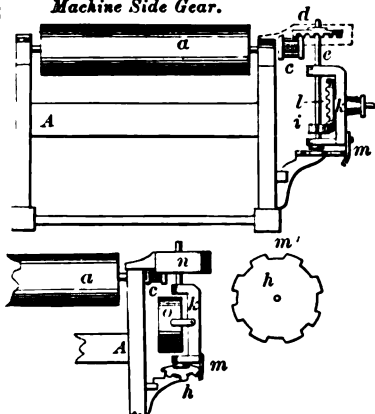
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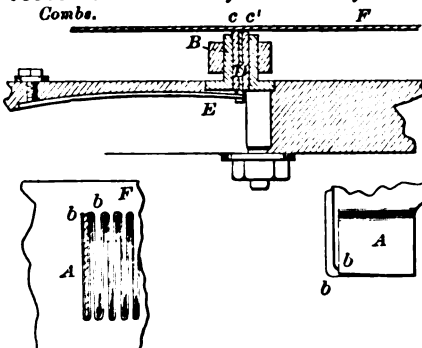
78580—C. Defies—Theatre Foot Light.



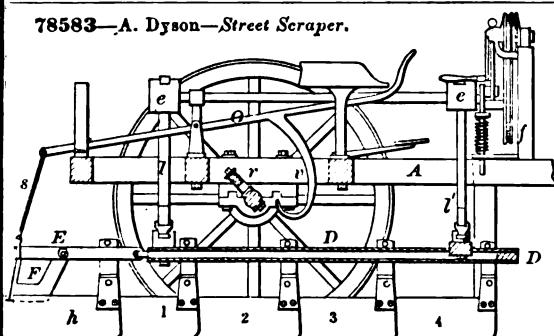
78582—J. Duchesno—Threshing-Machine Side Gear.



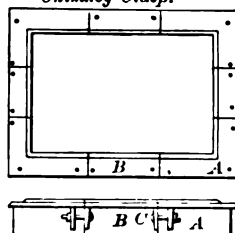
78585—C. Foster—Die for the Teeth of Metallic Combs.



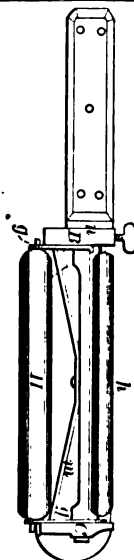
78583—A. Dyson—Street Scraper.



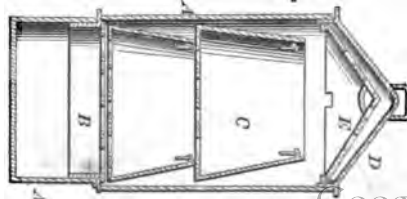
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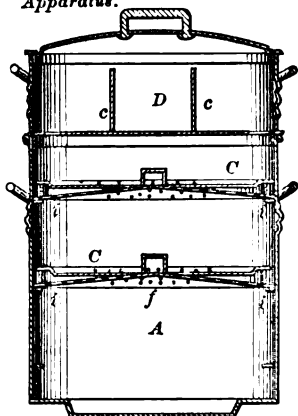
78586—J. Frisch—Bread Knife.



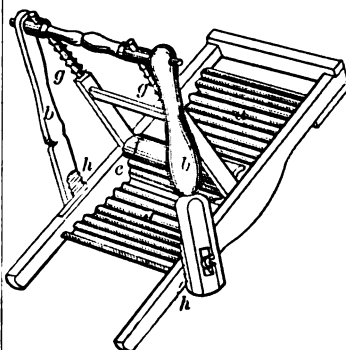
78587—C. W. Fuller—Culinary Vessel.



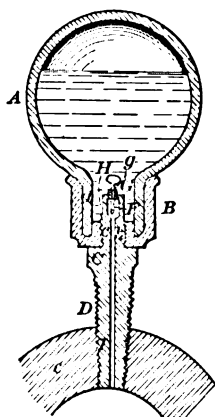
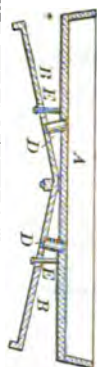
78588—Gale & Avery—Cooking Apparatus.



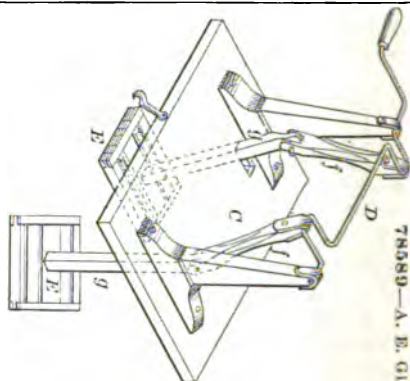
78593—S. V. Hall—Washing Machine.



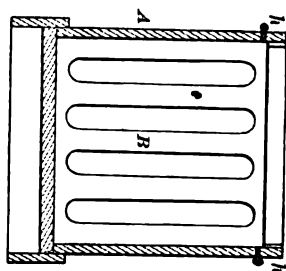
78600—L. Graham—Wagon Seat.



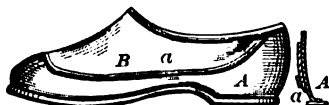
78594—Holland & Cody—Lubricator.



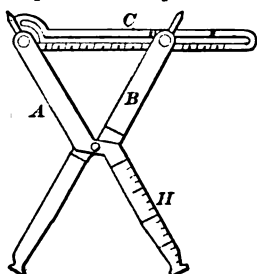
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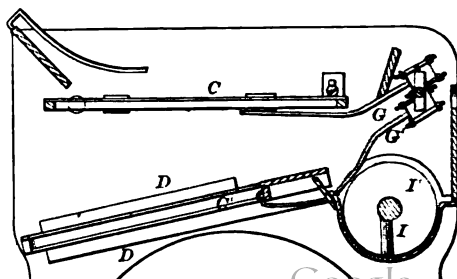
78595—H. L. Hotchkiss—Overshoe.



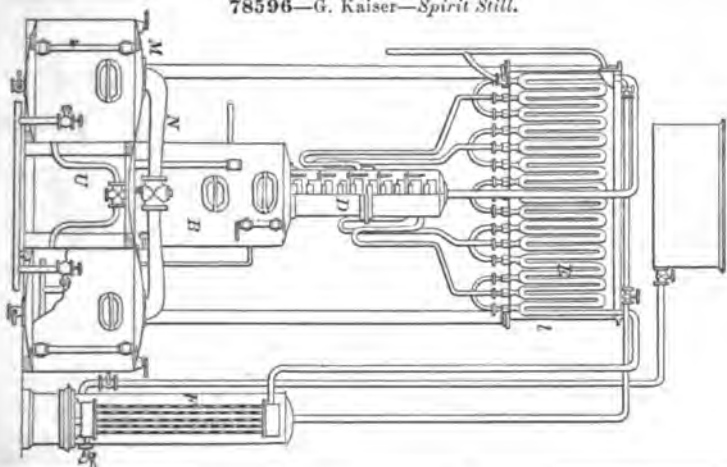
78591—C. W. Guerrant—Square and Calipers.



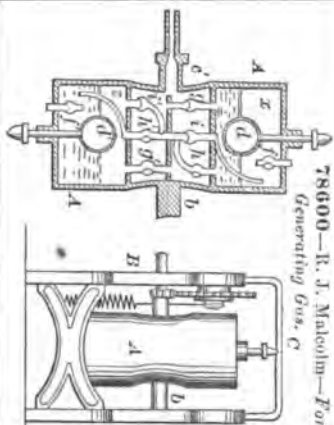
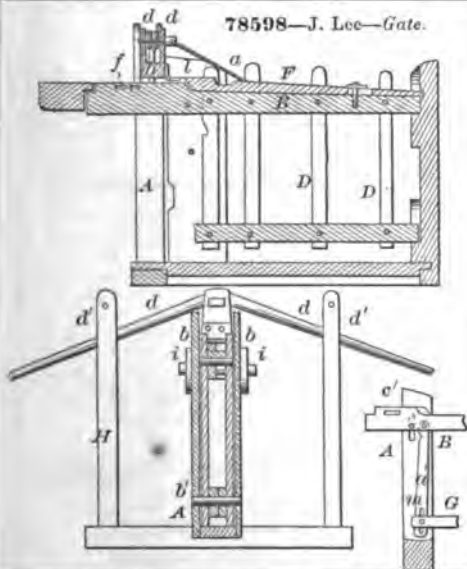
78597—M. Laufenburg—Shoe for Separators.



78596—G. Kaiser—*Spirit Still.*

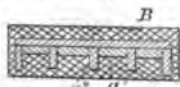


78598—J. Lee—*Gate.*

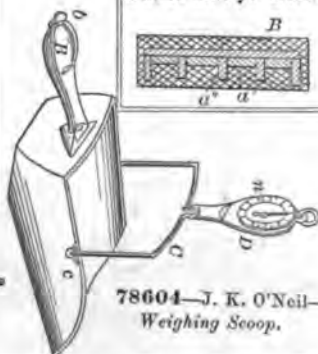


78600—R. J. Malcolm—*For Generating Gas, C*

78601—I. Mareh, Jr.—*Tile or Slab for Floors.*



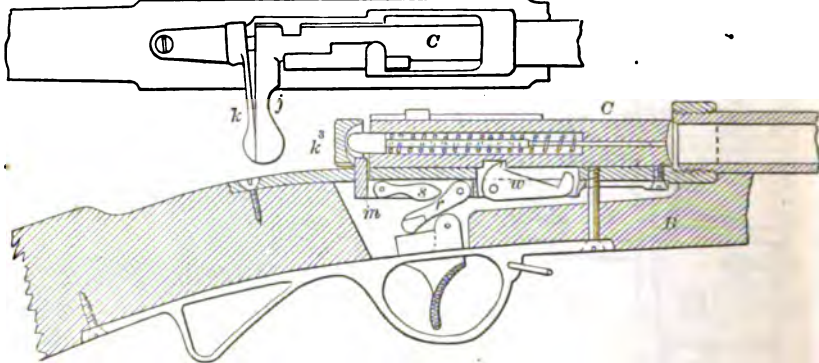
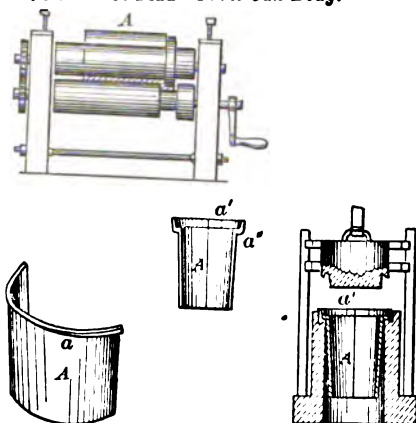
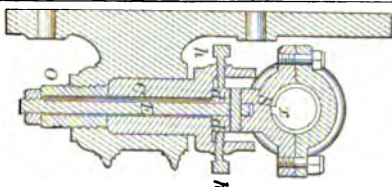
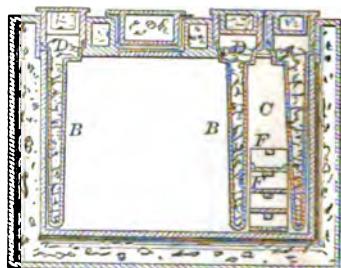
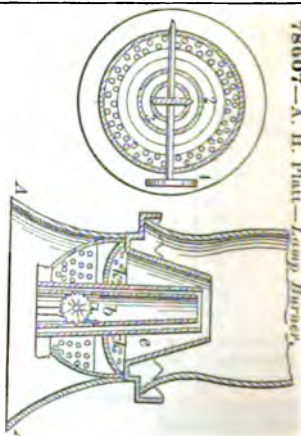
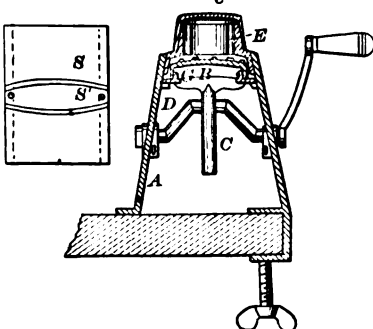
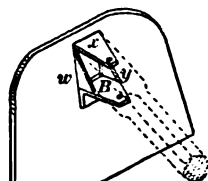
78599—T. Maitland—*Tooth Brush.*



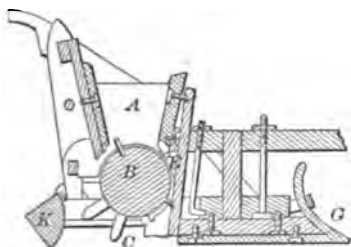
78604—J. K. O'Neil—*Weighing Scoop.*

78602—C. S. McMahan—*Pump.*

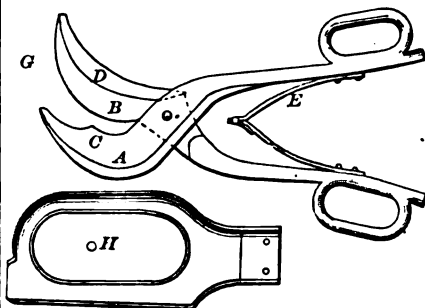


78603—Morris & W. & P. Mauser—*Breech-Loading Fire Arm.*78605—J. Pfau—*Fruit Can Body.*78606—E. Piper—*Refrigerator.*78608—J. Richards—*Hanger for Shafting.*78609—B. Robinson—*Carriage Wheel.*78612—Saladec & Hall—*Grater and Slicer.*78607—A. H. Platt—*Lamp Burner.*78611—Saladec & Hall—*Hoe.*

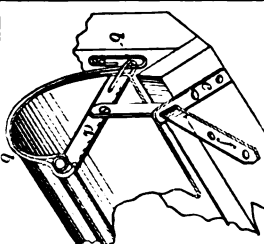
78614—B. Smith—Cotton Seed Planter.



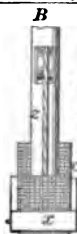
78615—Spear & Hull—Pruning Shears and Knife.



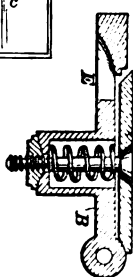
78617—W. S. Fawcrough.



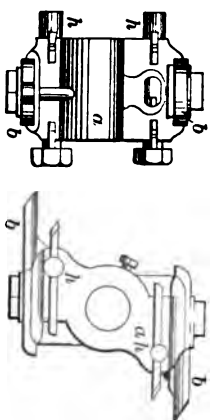
78618—D. J. Stone—
Mop Winger,



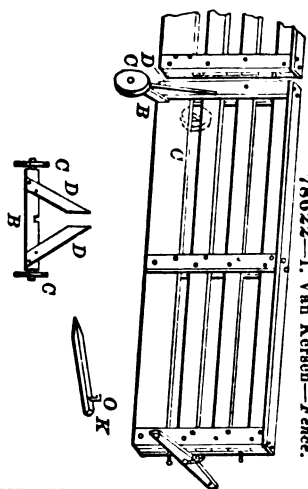
**78620—S. Swan—Carpenters
Bench Hook.**



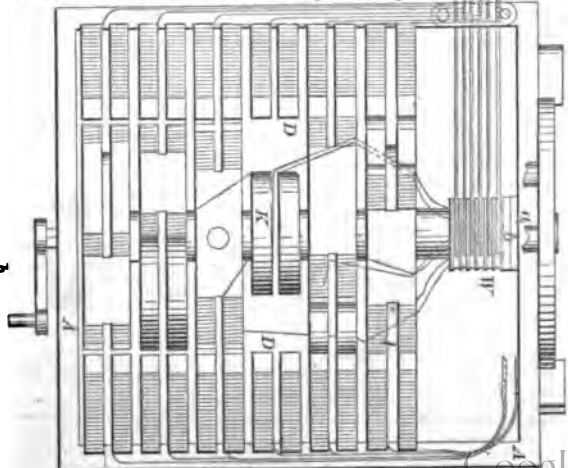
78616—A. T. Stearns—Planing Machine.



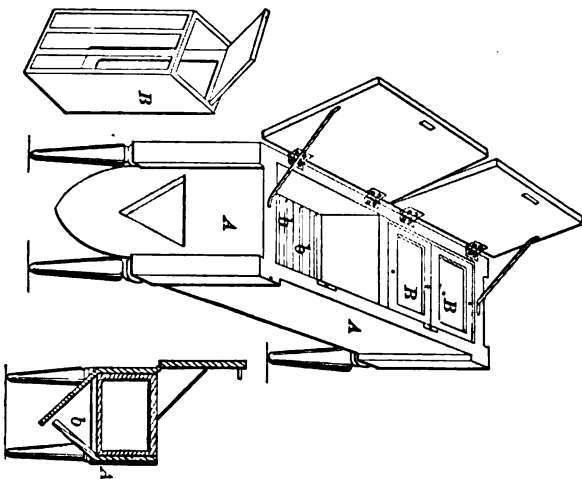
78622—J. Van Kerssen—Fence.



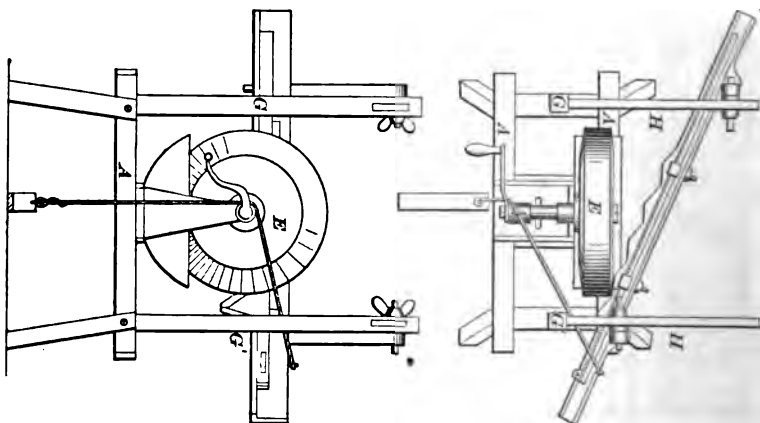
78619—L. C. Stuart—*Electro-Magnetic Engine.*



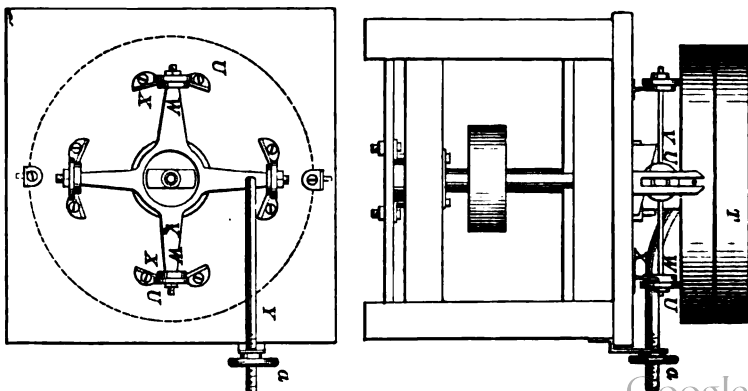
78621—H. Fuller—Beehive.



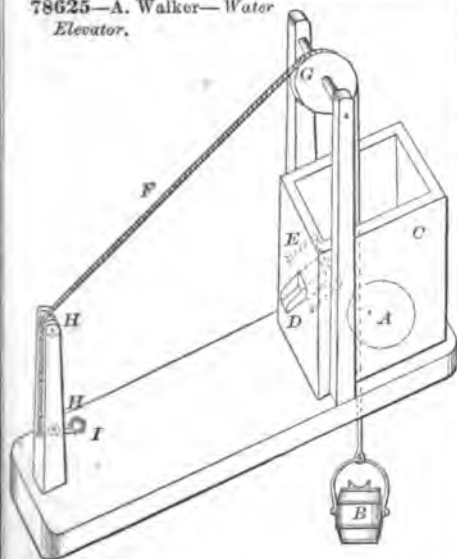
78623—S. D. Wackman—For Grinding Mowing Machine Cutters.



78624—A. H. Wagner—Grinding Mill.



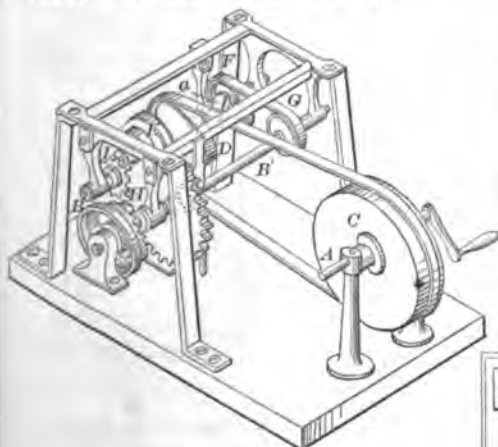
78625—A. Walker—Water Elevator.



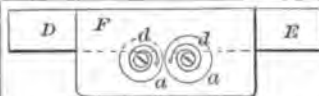
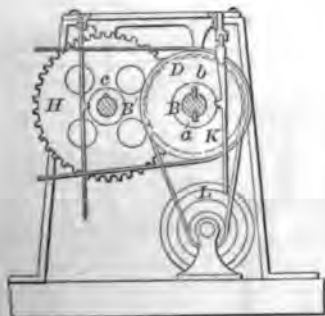
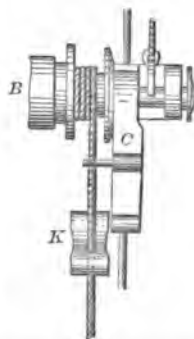
78626—W. Walton—Culivator.



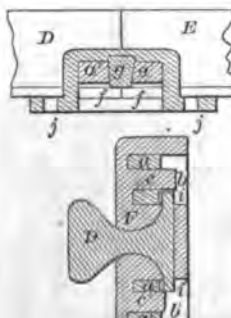
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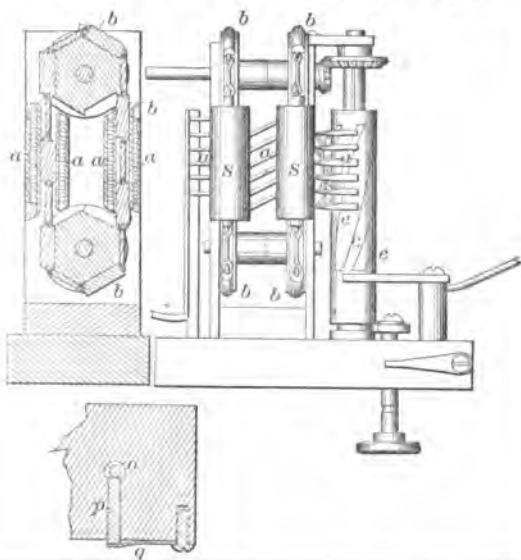
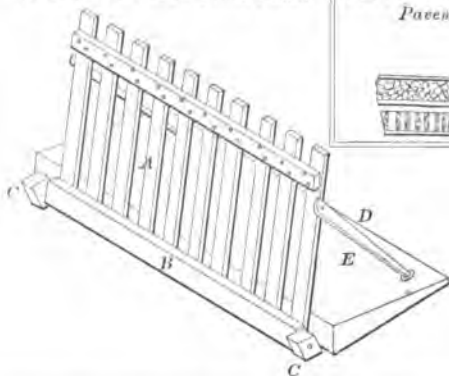
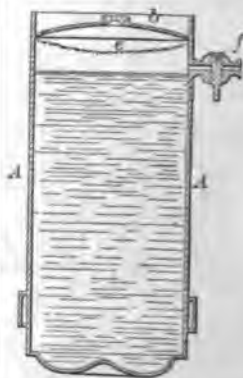
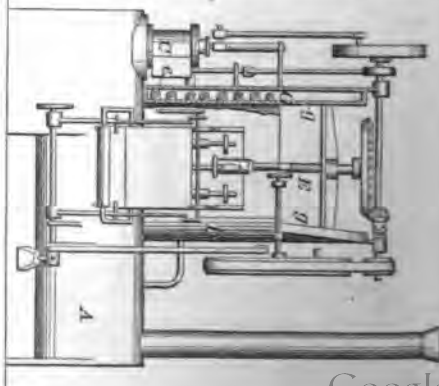
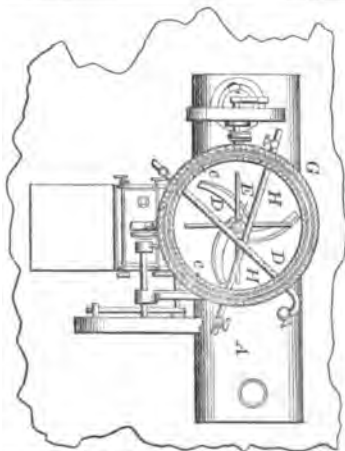


78628—White & Meeker—Curtain Fixture.

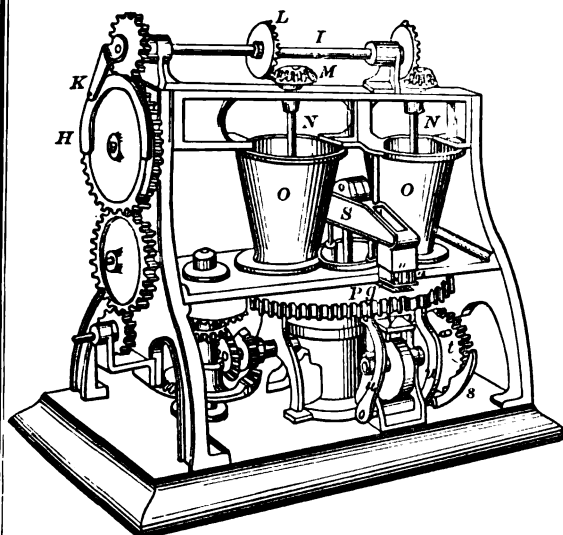


78630—W. Wickersham—Railway Roll Chute.

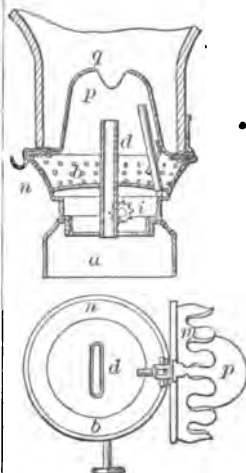


78629—W. Wickersham—*Electro-Magnetic Engine.*78633—V. Wood—*Flood Fence.*78635—A. Wyckoff—*Pavement.*78631—J. Witham—*Steering Cables.*78636—W. Mullally—*For Extinguishing Fires.*78632—C. A. Winn—*Brick Machine.*

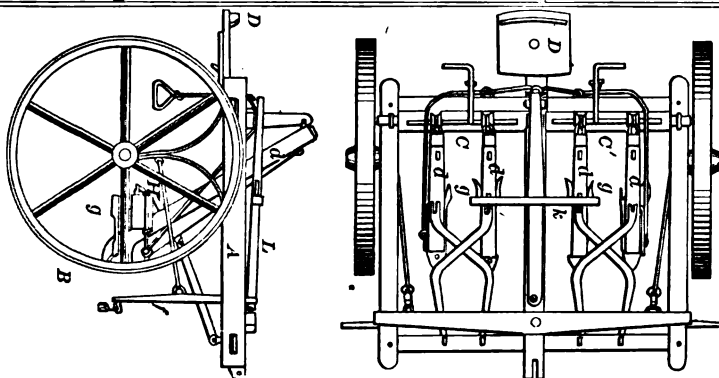
78634—Wrightington & Rider—Brick Machine.



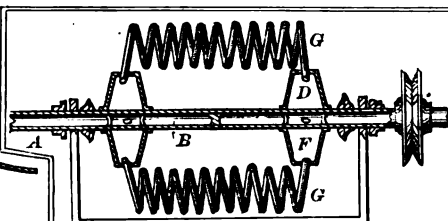
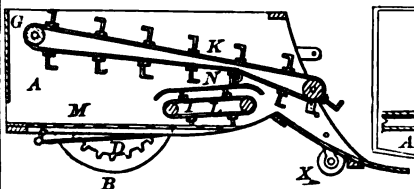
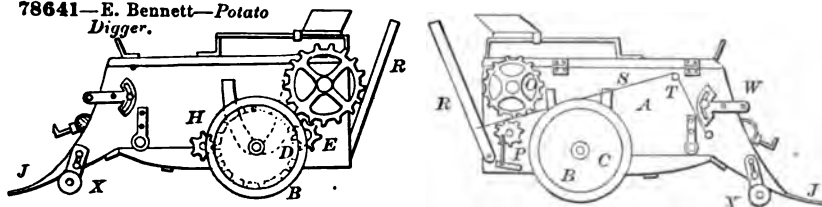
78637—L. J. Atwood—Lamp Burner.



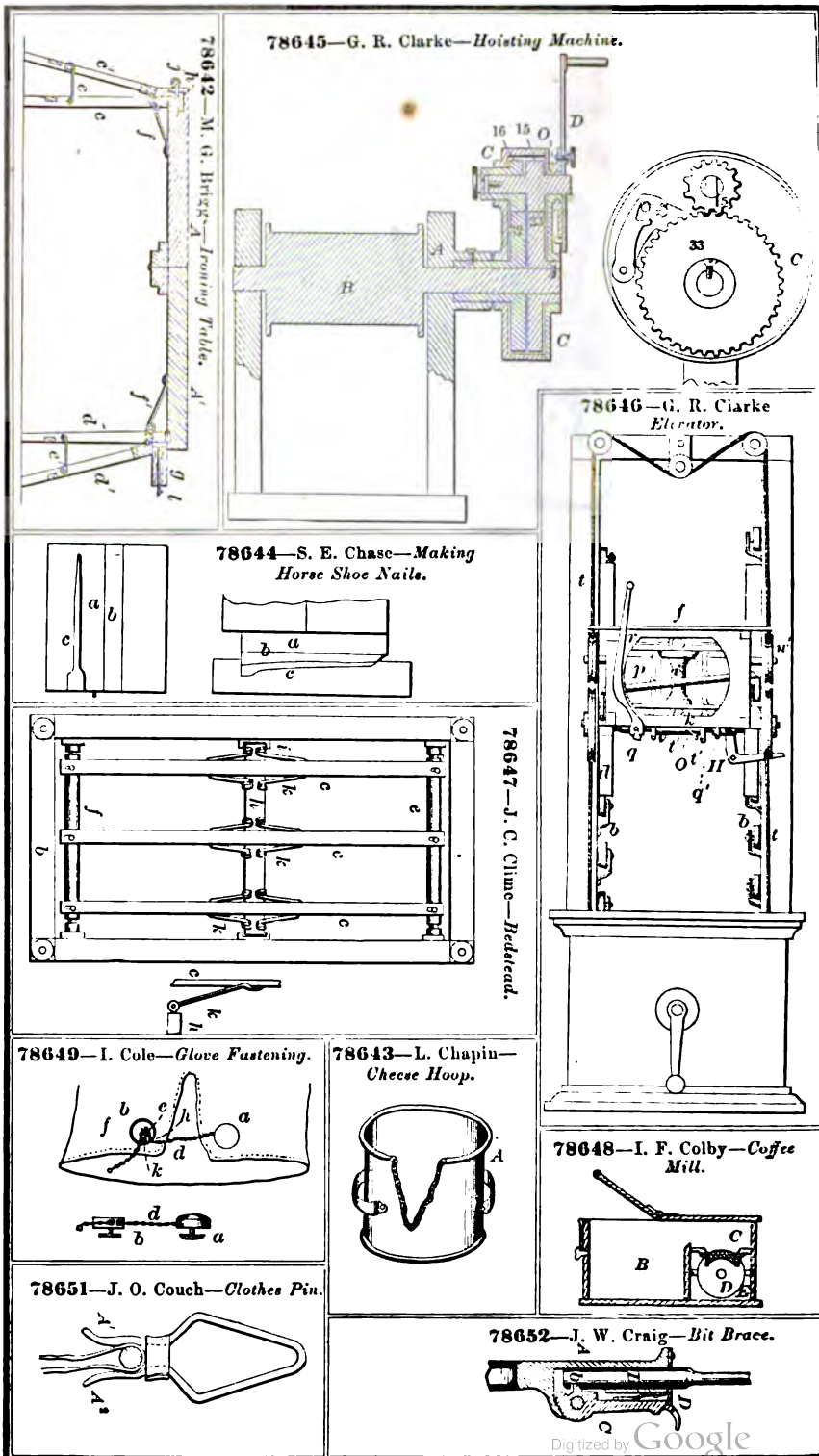
78638—G. C. Avery—Pile and Planter.



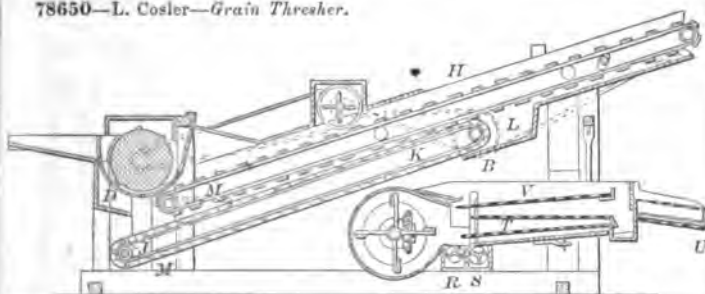
78641—E. Bennett—Potato Digger.



78639—P. J. Badoux—Evaporator.



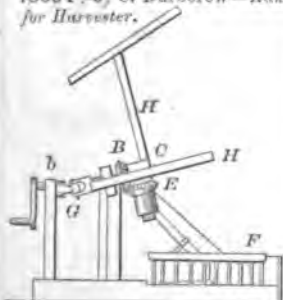
78650—L. Cosler—Grain Thresher.



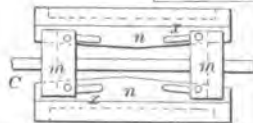
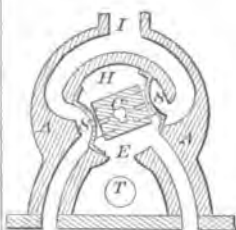
78653—P. Donoghue—Attaching Handles to Cross Cut Saws.



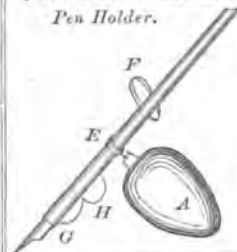
78654—J. C. Durbin—Rake for Harvester.



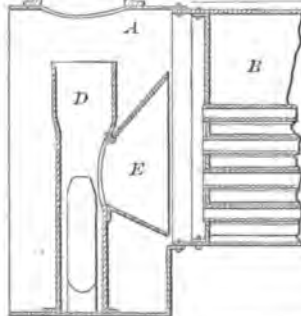
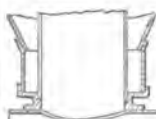
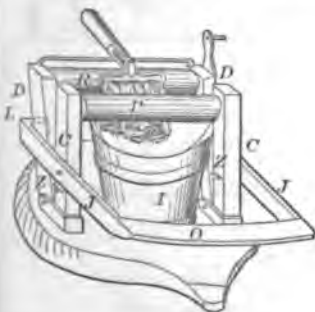
78656—Everitt & Cook—Oscillating Valve.



78655—H. G. Eastman—Pen Holder.

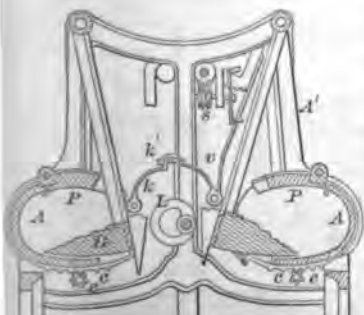


78657—J. Filkins—Mop Wringer.

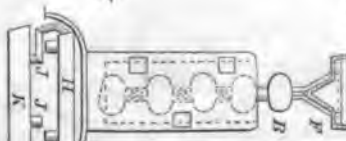


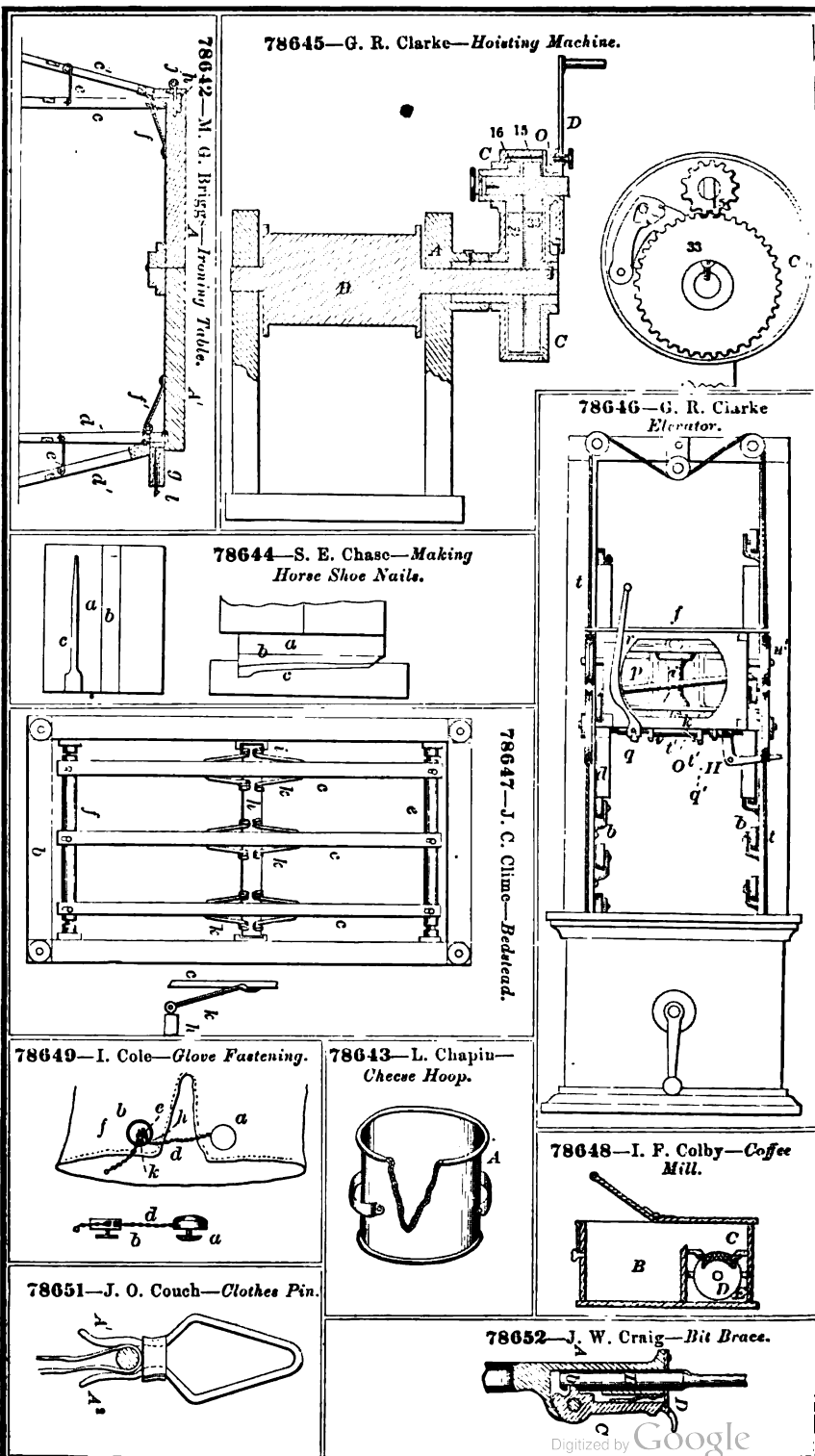
78658—W. G. Freeman—Petroleum Pipe for Locomotives.

78660—E. Gessner—Felling Mill.

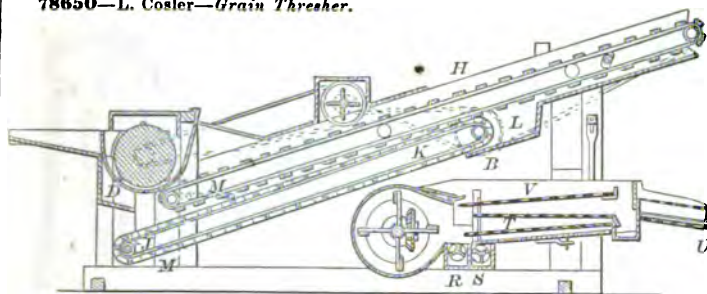


78659—Fuchs & Lufgart—Ree Cooler.





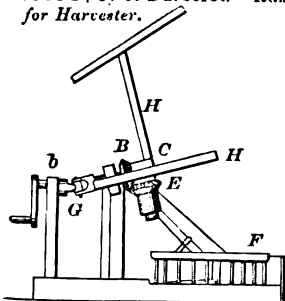
78650—L. Cosler—*Grain Thresher.*



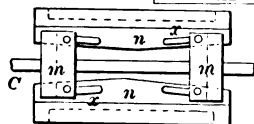
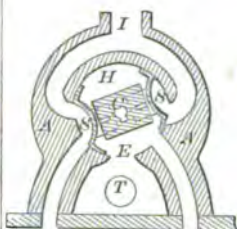
78653—P. Donoghue—*Attaching Handles to Cross Cut Saws.*



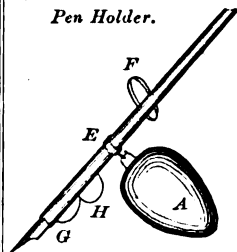
78654—J. C. Durborow—*Rake for Harvester.*



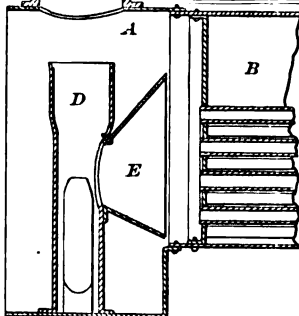
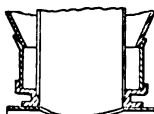
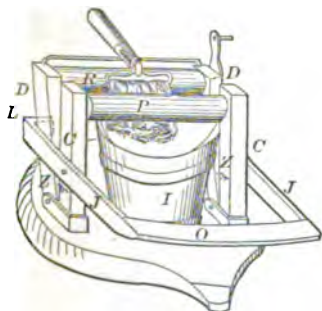
78656—Everitt & Cook—*Oscillating Valve.*



78655—H. G. Eastman—*Pen Holder.*

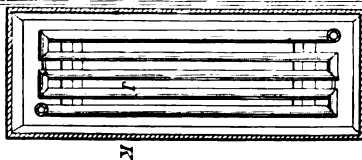
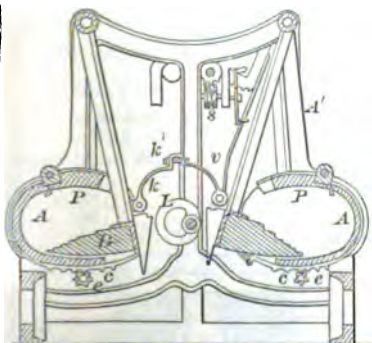


78657—J. Filkins—*Mop Wringer.*

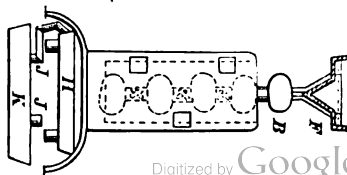


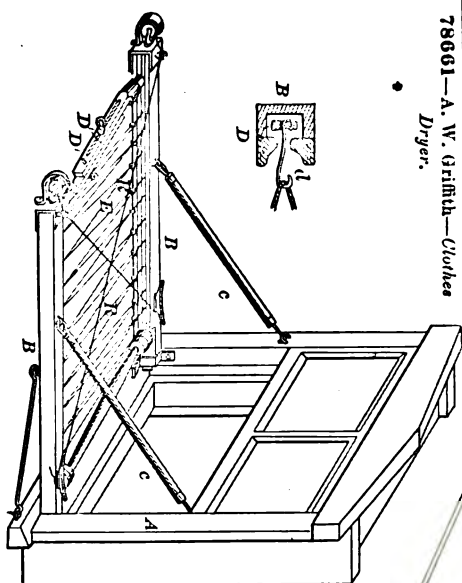
7865 —W. G. Freeman—*Petticoat Pipe for Locomotives.*

78660—E. Gessner—*Fulling Mill.*

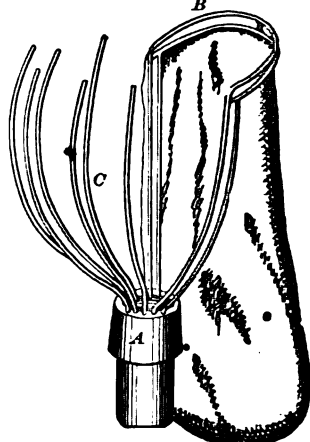


78659—Fuchs & Luigart—*Beer Cooler.*

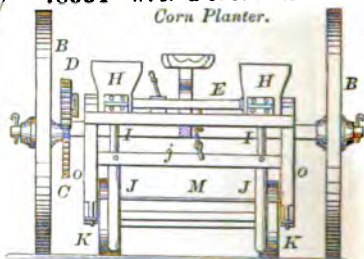




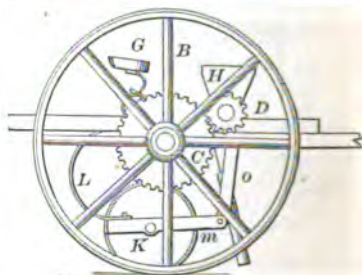
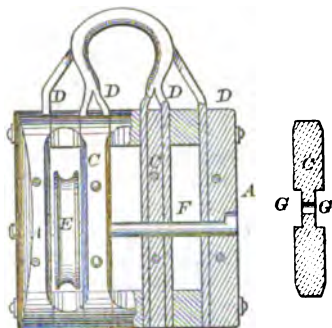
78662—R. S. Hall—Fruit Gatherer.



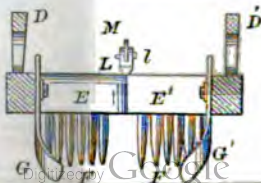
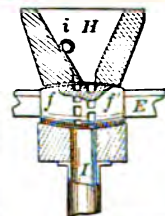
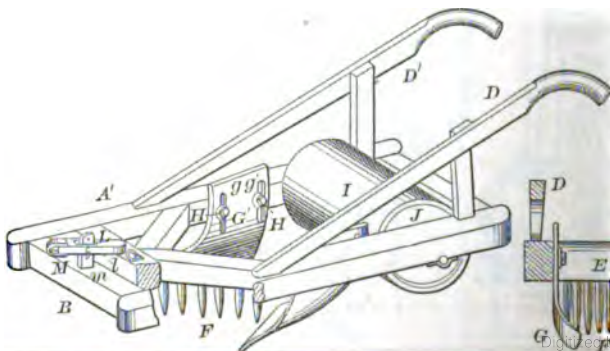
78664—W. N. & J. J. Harrison—Corn Planter.



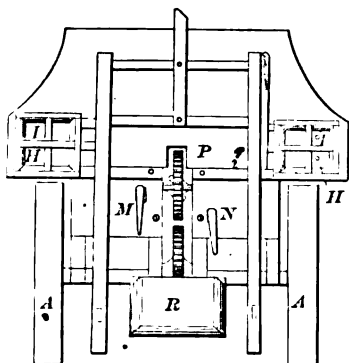
78663—J. F. Harcourt—Tackle Block.



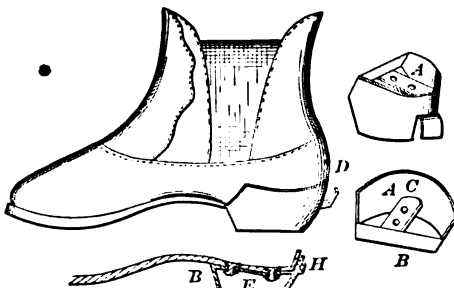
78665—J. D. Haynie—Corn Coverer.



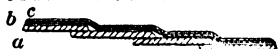
78666—A. Hays—Seed Planter.



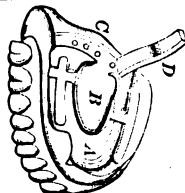
78667—R. Herr—Boot Heel.



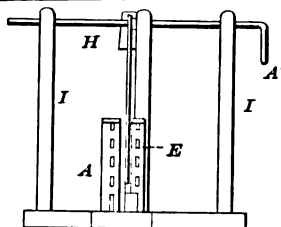
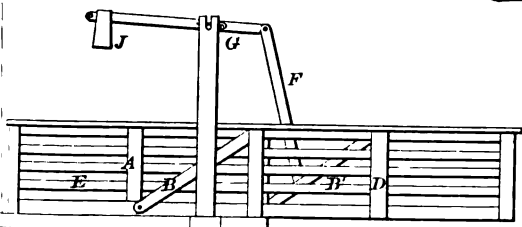
78668—Huot & Baudouin—Hat.



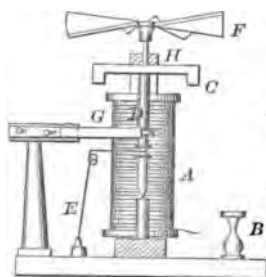
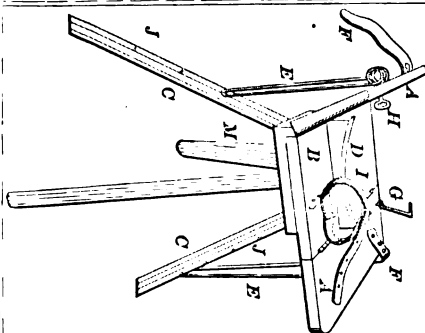
78669—
D. S. Hinchison—
Plate for Artificial
Teeth.



78670—T. W. Johnson—Farm Gate.

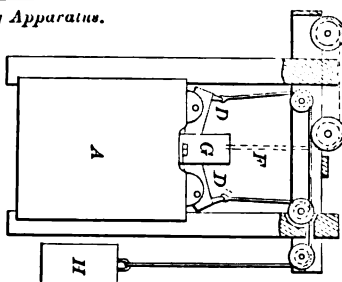
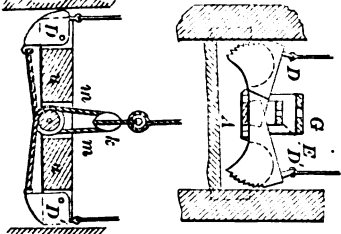


78671—W. C. Jones—Sheep
Shearing Table.

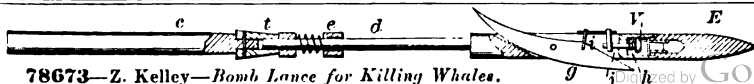


78674—C. T. Mason—Electric
Fan for Lamps.

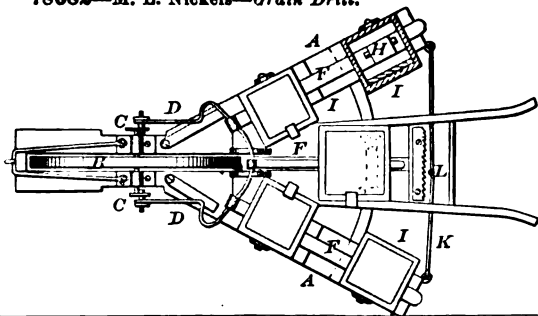
78675—J. V. & W. H. Merrick—Hoisting Apparatus.



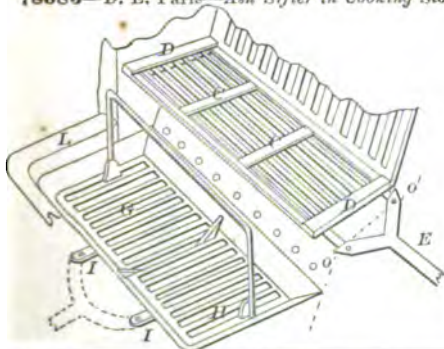
78673—Z. Kelley—Bomb Lance for Killing Whales.



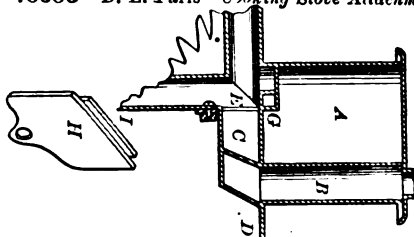
78682—M. L. Nickels—Grain Drill.



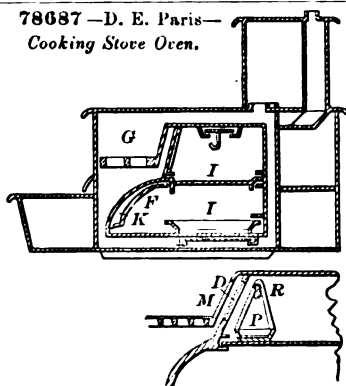
78685—D. E. Paris—Ash Sifter in Cooking Stoves.



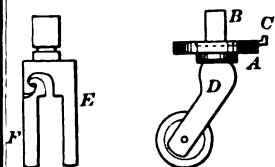
78686—D. E. Paris—Cooking Stove Attachment.



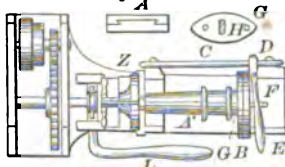
78687—D. E. Paris—Cooking Stove Oven.



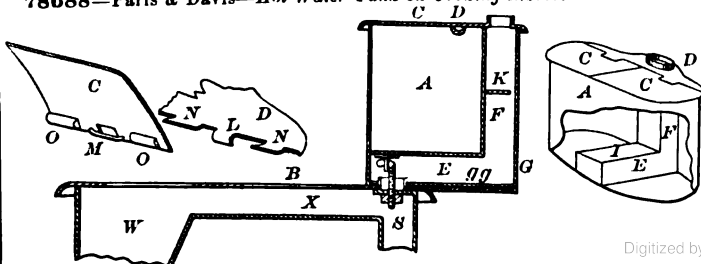
78690—J. W. Pugh—Caster.



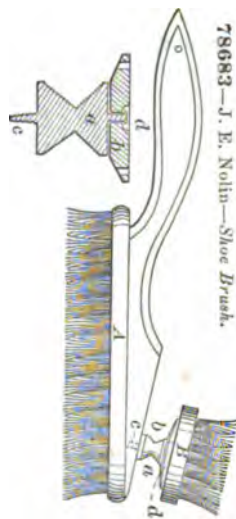
78684—W. W. Norton—For Threading Thimble Skeins.



78688—Paris & Davis—Hot Water Tank on Cooking Stove.



78683—J. E. Nolin—Shoe Brush.



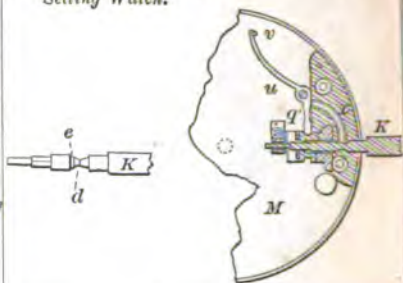
78689—A. B. Parsons—Tide Well.



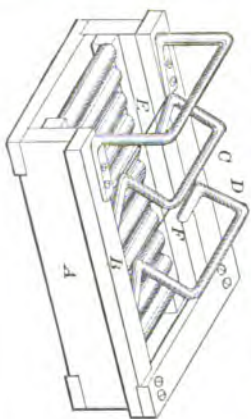
78692—J. H. Rac—Lumber Dryer.



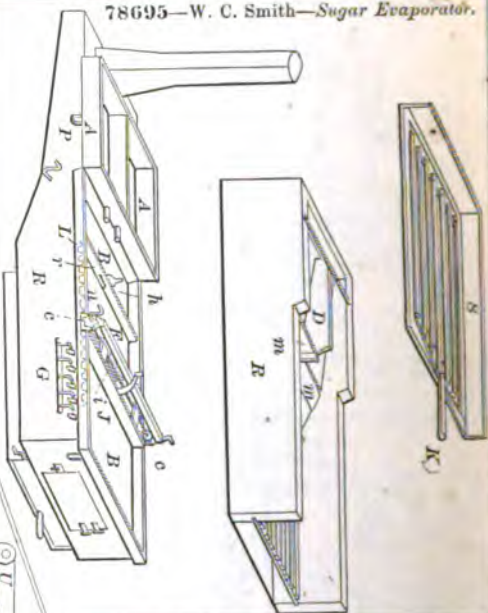
78693—Rice & Gerry—Stem Winding and Setting Watch.



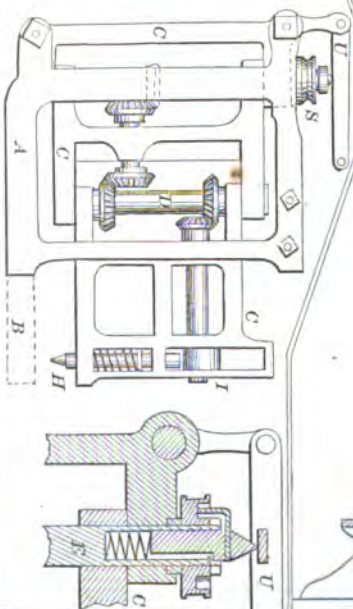
78694—J. Schnellberger—Tile Cutting Machine.



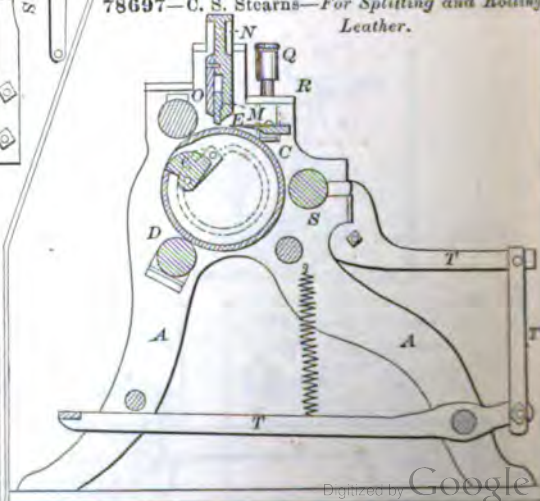
78695—W. C. Smith—Sugar Evaporator.



78696—C. S. Stearns—For Cutting Leather.



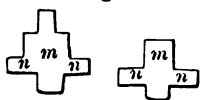
78697—C. S. Stearns—For Splitting and Rolling Leather.



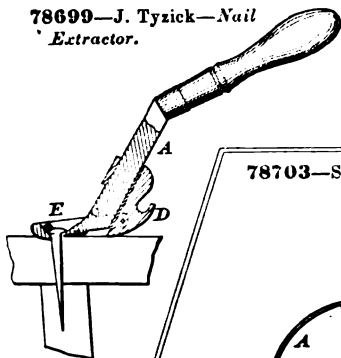
78698—A. Tower—Pen and Pencil Holder.



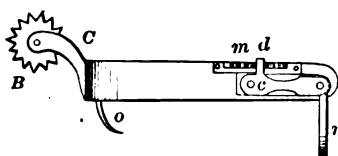
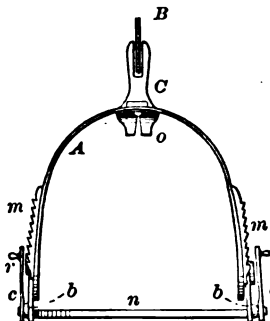
Fig. 1 b



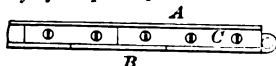
78699—J. Tyzick—Nail Extractor.



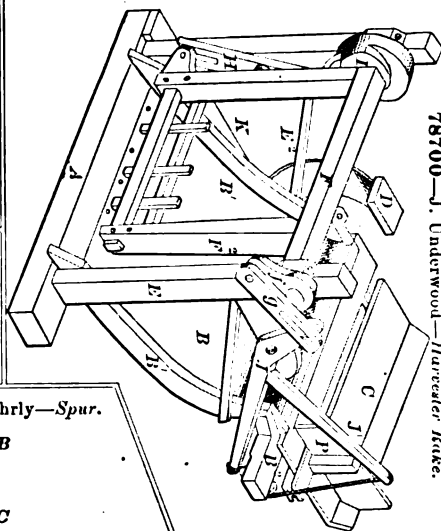
78703—S. Wehrly—Spur.



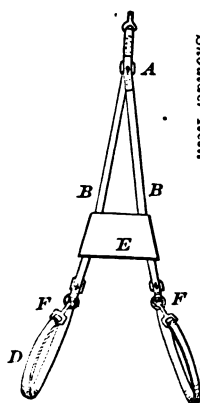
78701—A. E. Van Gieson—Knife for Splitting Leather.



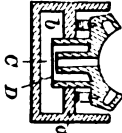
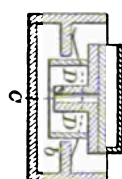
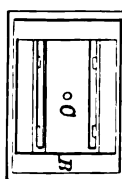
78700—J. Underwood—Harvester Reel.



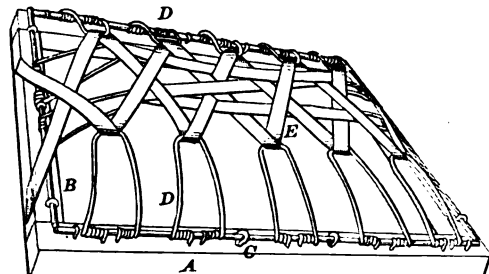
78702—A. V. W. Van Veehen—Head and Shoulder Rest.



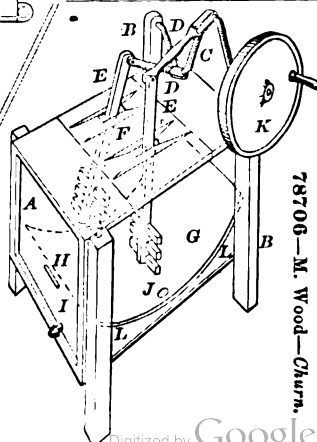
78704—L. P. Weir—Lubricating Journal of Car Shafts.

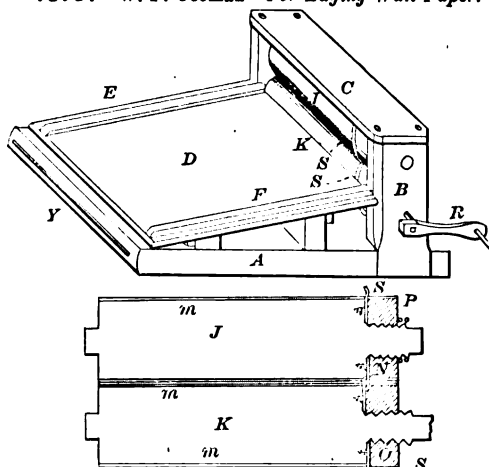
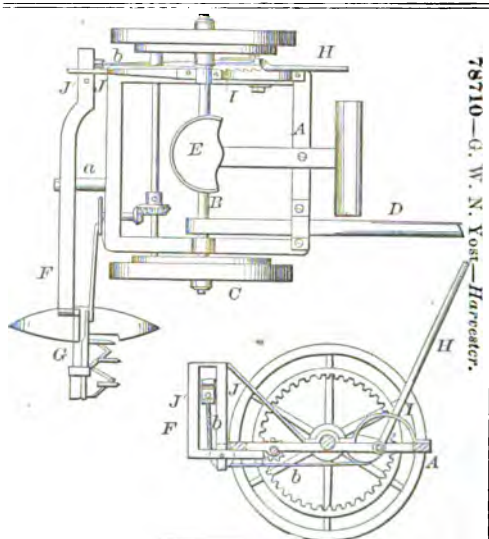
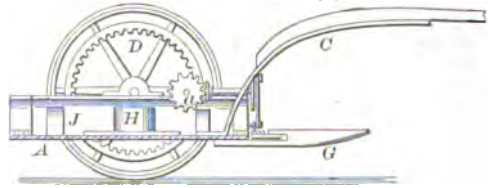
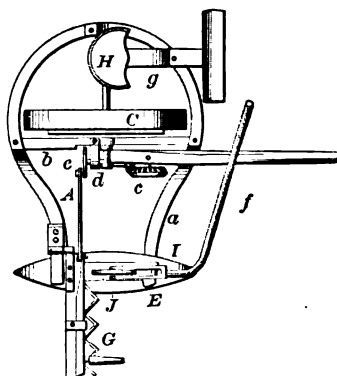
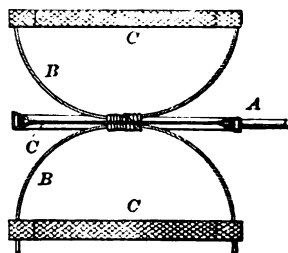
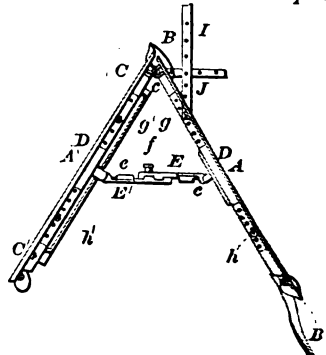
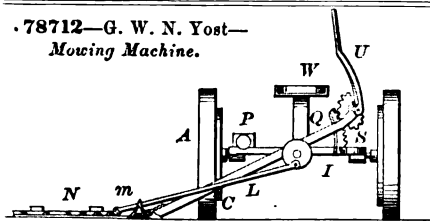
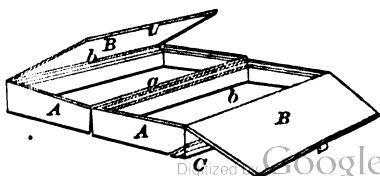


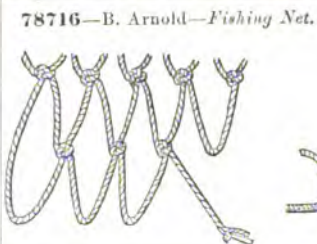
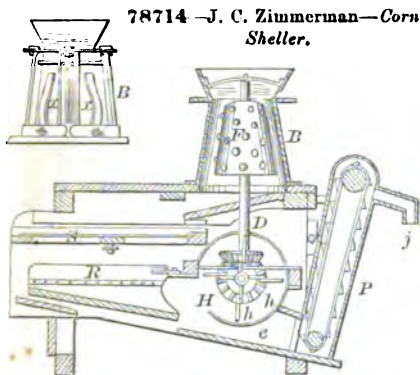
78705—J. L. Whipple—Spring Seat.



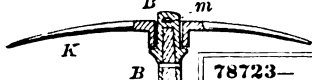
78706—M. Wood—Churn.



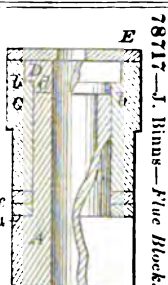
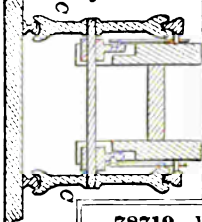
78707—W. P. Yeoman—*For Edging Wall Paper.*78709—G. W. N. Yost—*Harvester.*78708—G. W. N. Yost—*Harvester.*78711—G. W. N. Yost—*Harvester Reel.*78713—N. E. Yost—*Road Scraper.*. 78712—G. W. N. Yost—*Mowing Machine.*78715—W. Armour—*Paper Box.*



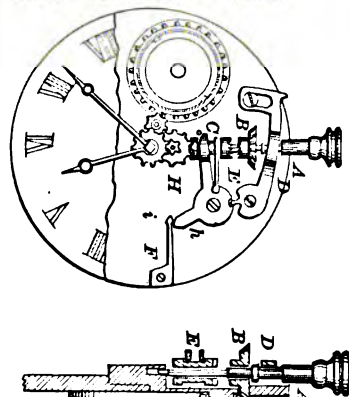
78718—W. Blay—Pick Handle.



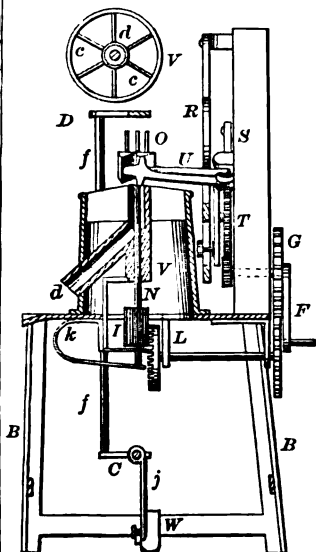
78723—R. d'Heureuse—Railway Brake.



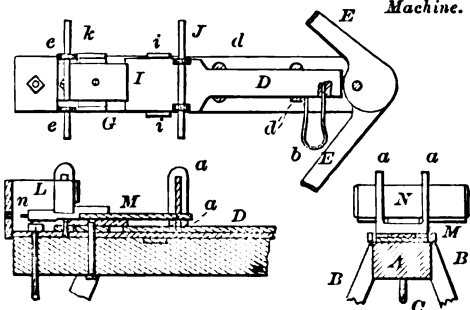
78720—E. Châtelain—Watch.



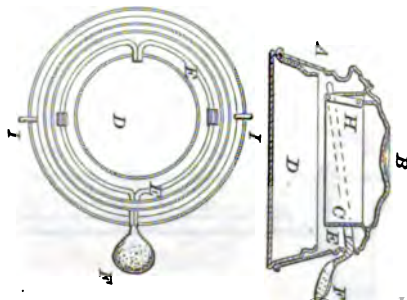
78721—A. Clark—Apple Parer, Corer and Slicer.



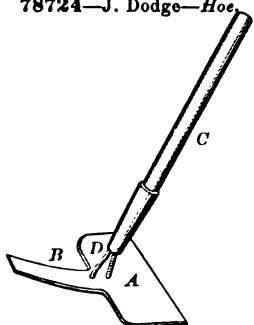
78719—W. Britton—Tire Shrinking and Punching Machine.



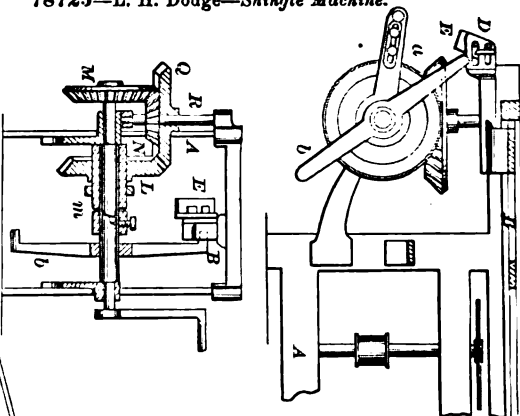
78722—E. Detwiler—Spittoon.



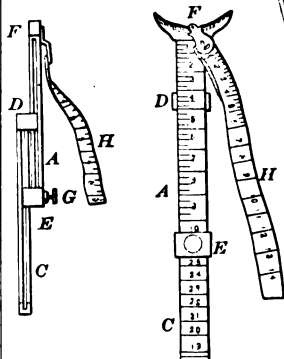
78724—J. Dodge—Hoe.



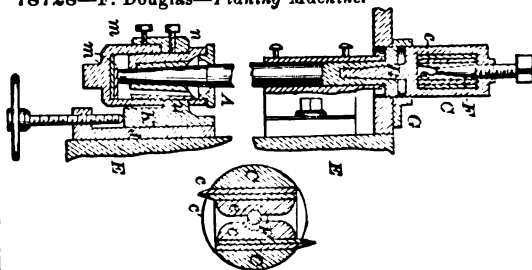
78725—L. H. Dodge—Shingle Machine.



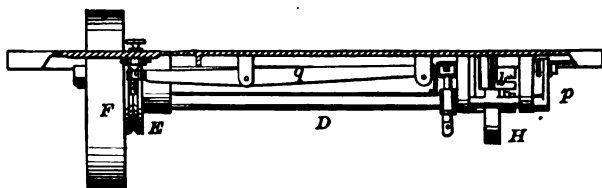
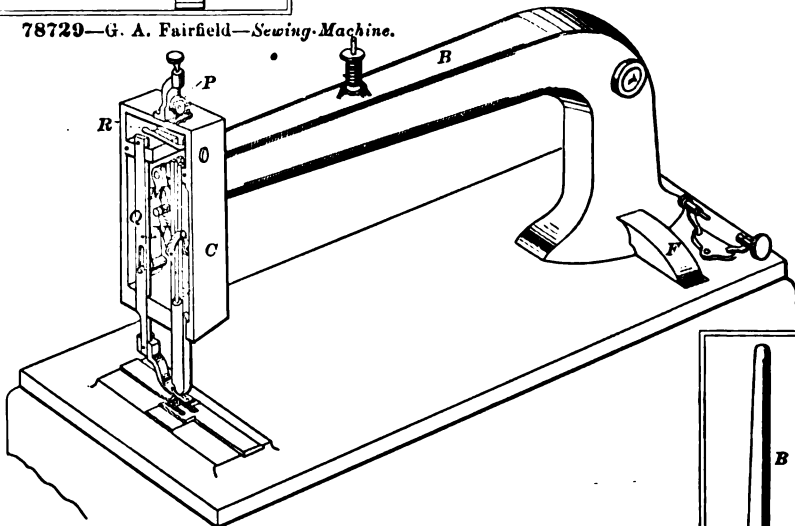
78726—P. W. Dolan—Rule.



78728—F. Douglas—Planing Machine.



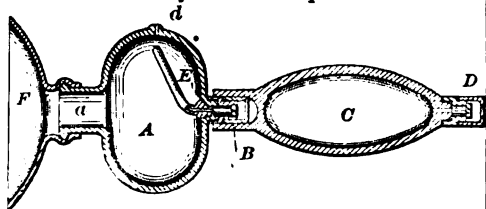
78729—G. A. Fairfield—Sewing Machine.



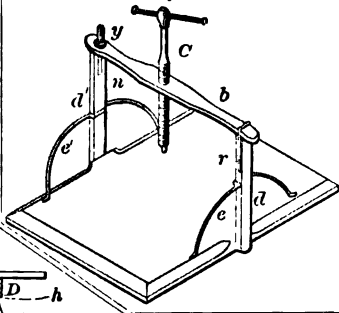
78727—J. F. W. Dorman—Brush.



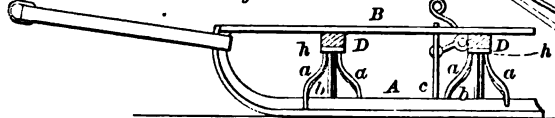
78731—W. T. Fry—*Breast Pump.*



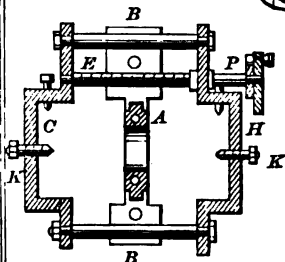
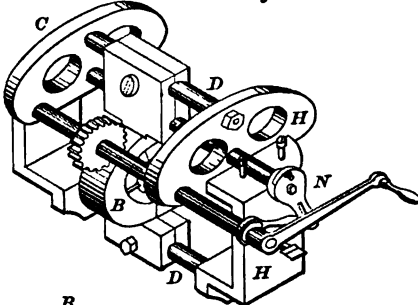
78738—H. Henley—*Press.*



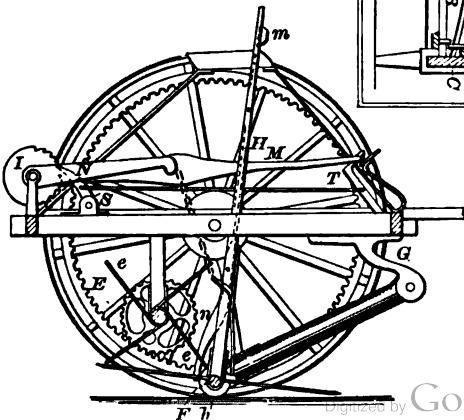
78737—C. Heald—*Sleigh.*



78733—T. A. Goff—*For Turning Wrist Pins &c.*



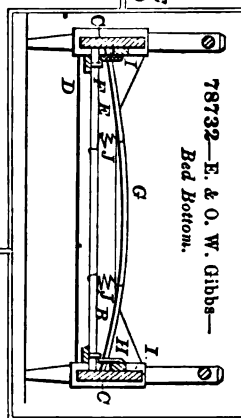
78735—E. R. Hall—*Horse Hay Rake.*



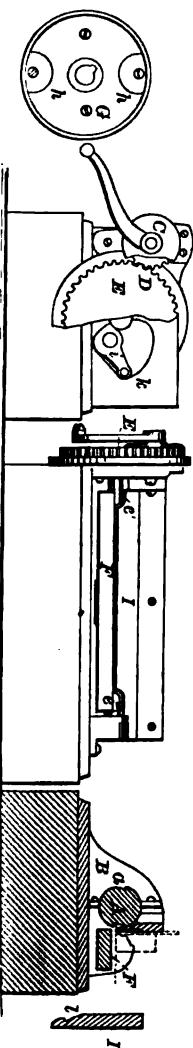
78736—L. Hays—*Pad Miter.*



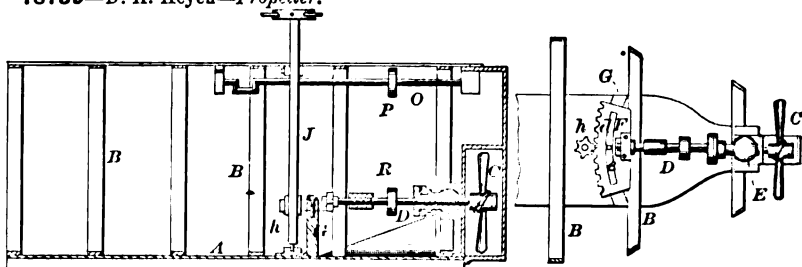
78732—E. & O. W. Gibbs—*Bed Bottom.*



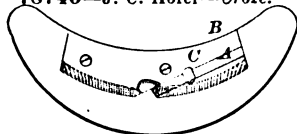
78734—G. H. Goldsmith—*Sheet Metal Folding Machine.*



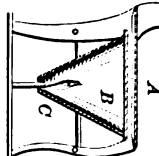
78739—D. H. Heyen—Propeller.



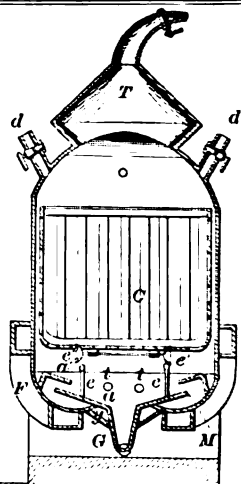
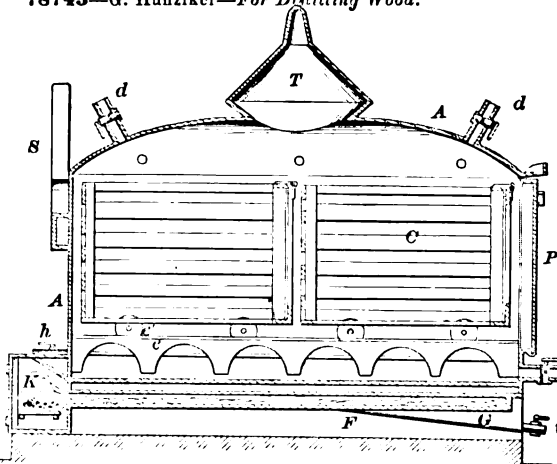
78740—J. C. Hofer—Crose.



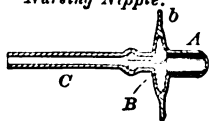
78742—C. S. Hunt—Heating Device for Chairs, &c.



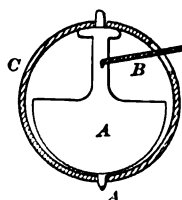
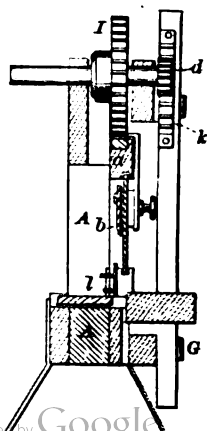
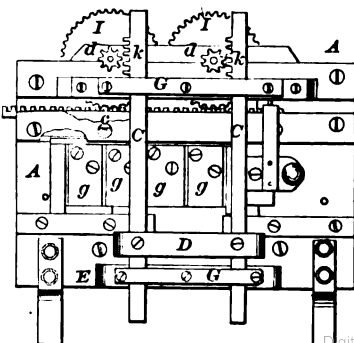
78743—G. Hunziker—For Distilling Wood.



78741—F. H. Holton—Nursing Nipple.

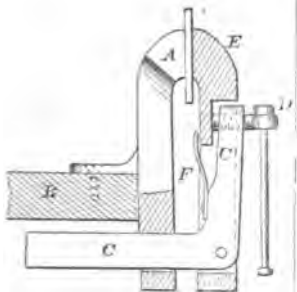


78744—L. Jennings—Shingle Machine.

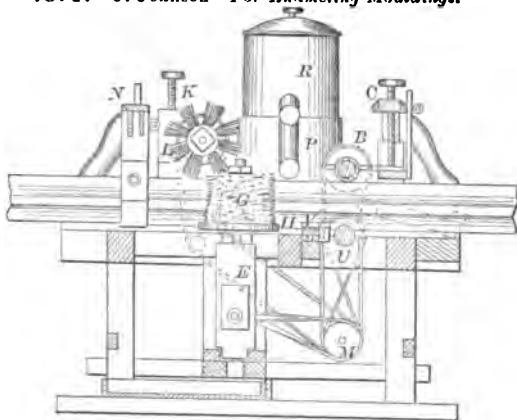


78745—C. L. Johnson—Top.

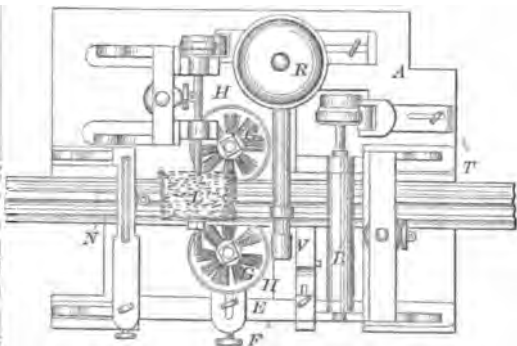
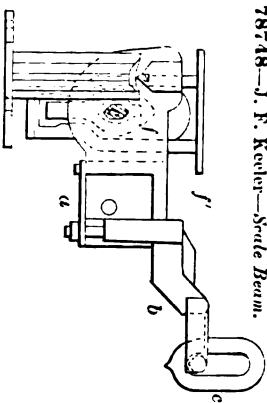
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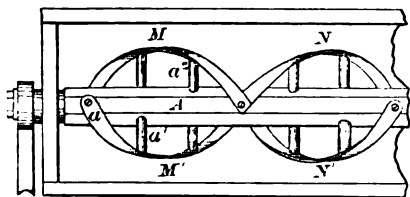
78747—J. Johnson—For Enameling Mouldings.



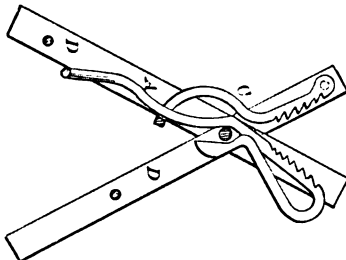
78748—J. F. Koehler—Steele Press.



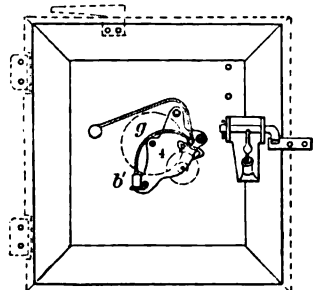
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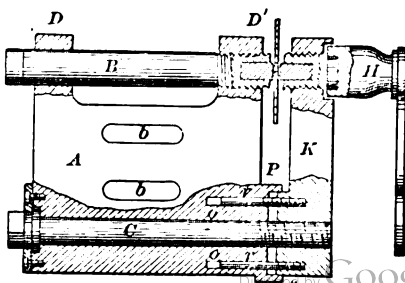
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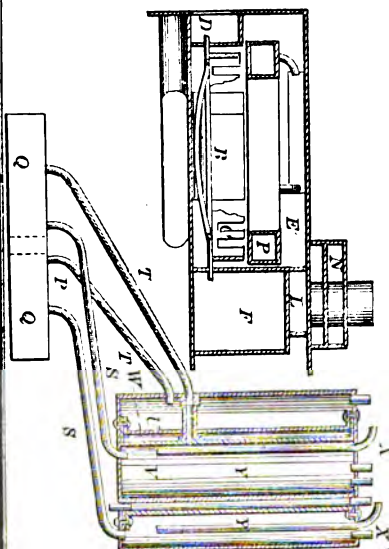
78754—S. Morton—Attachment for Bake Oven Doors.



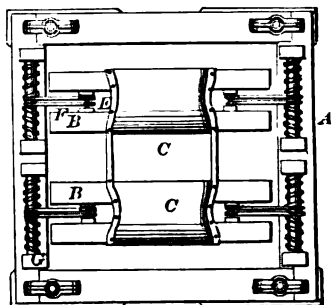
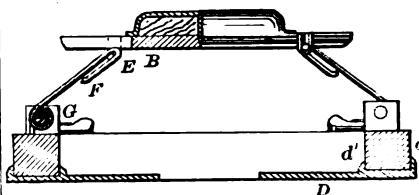
78752—T. Milner—Circular Saw Guide.



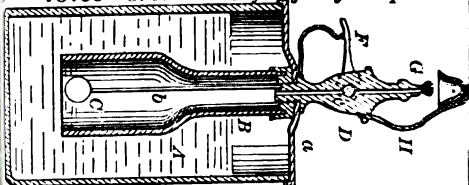
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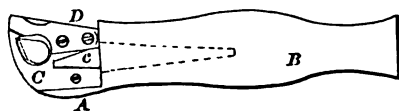
78753—Moore & De Bow—Bed Bottom.



78755—G. Müller—Self-Lighting Lamp.



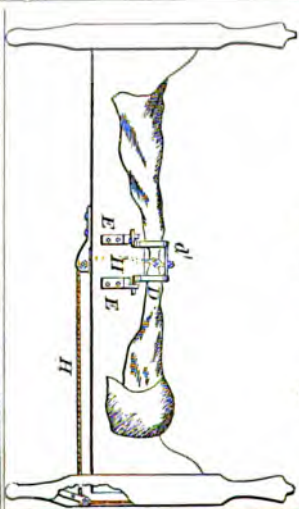
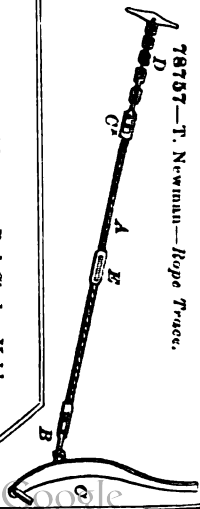
78758—M. Packard—Self-Edge Plane.



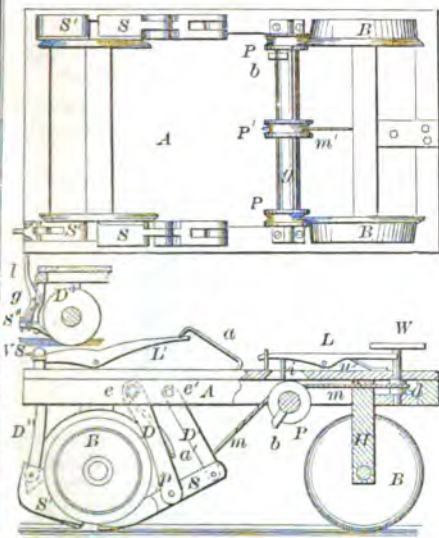
78756—J. B. Munson—Bed Clothes Holder.



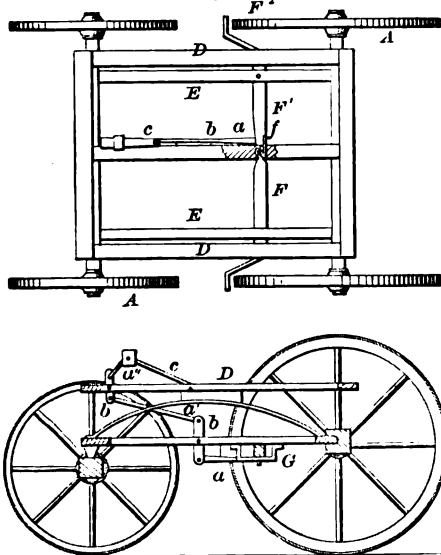
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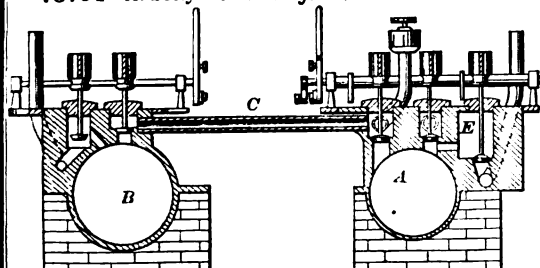
78759—W. T. Parsons—Car Brake.



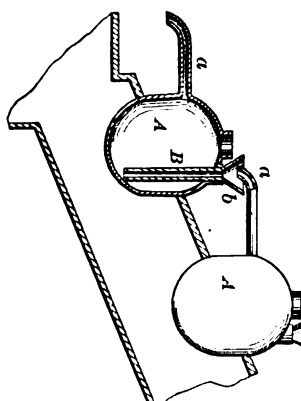
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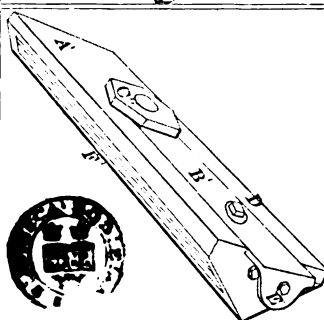
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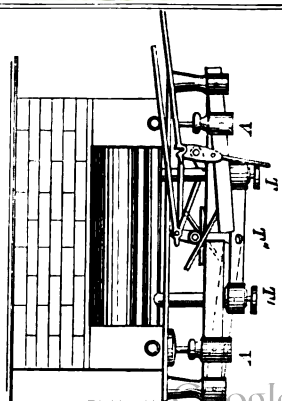
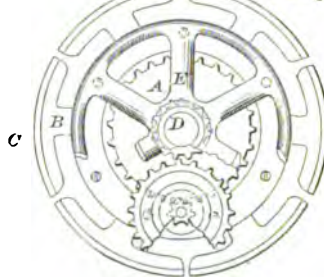
78760—Perrin & Saunders—Retort for Concentrating Sulphuric Acid.



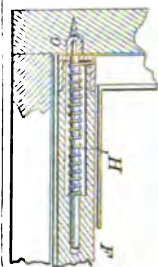
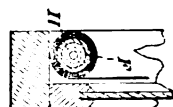
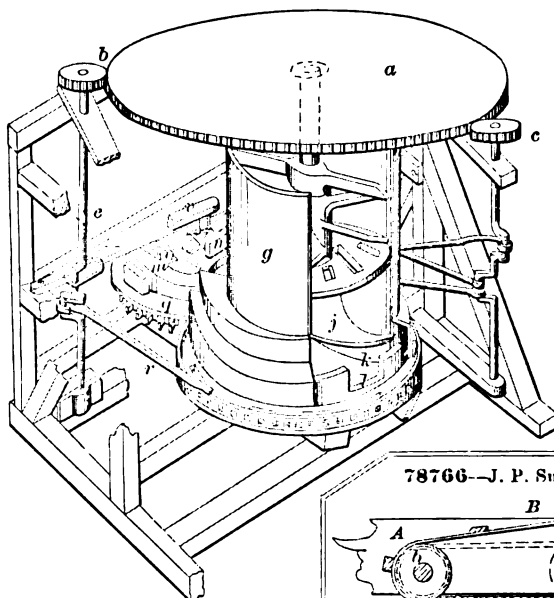
78761—A. H. Rhodes—Gib.



78763—T. H. Savery—Expanding Pulley.

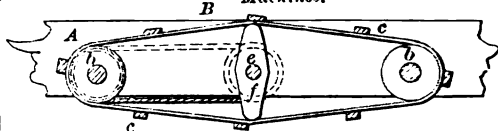


78765—D. Smith—Brick Machine.

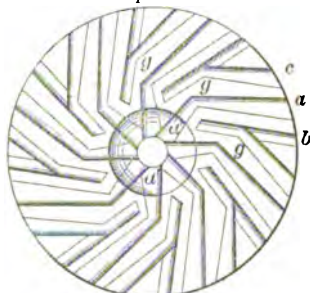


78707—E. Spaulding—Mosaic Screen.

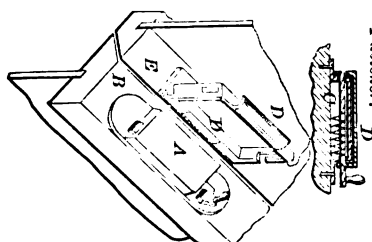
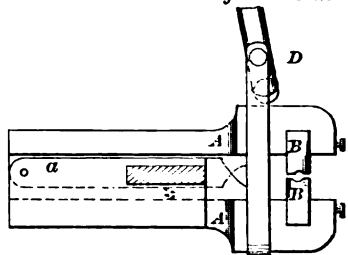
78766—J. P. Smith—Shaker for Threshing Machines.



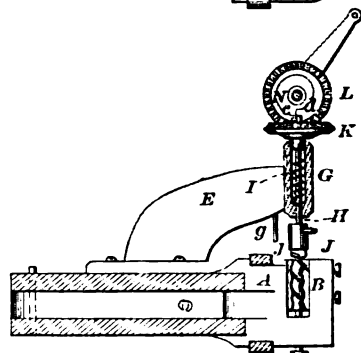
78768—H. L. Spencer—Mill Stone Dress



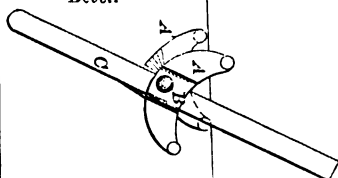
78769—J. Swan—Auger and Bit.



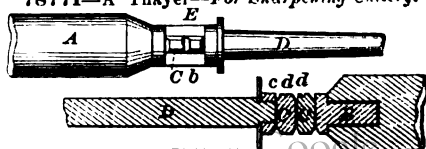
78772—R. Thomas—Sack Fastener.



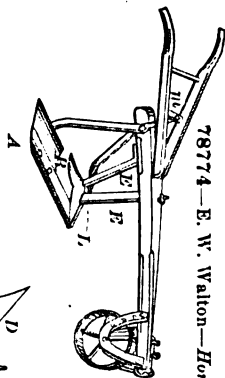
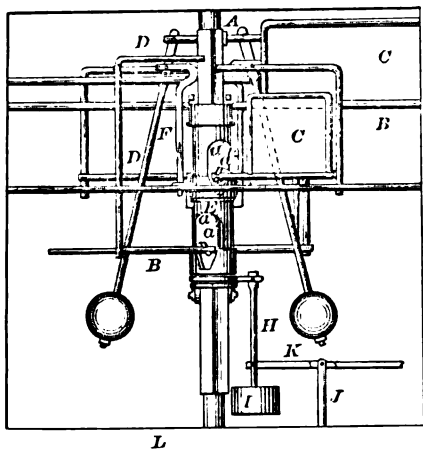
78770—H. G. Taylor—Square and Bevel.



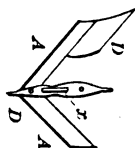
78771—A. Thayer—For Sharpening Cutlery.



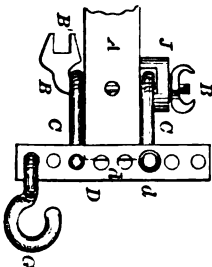
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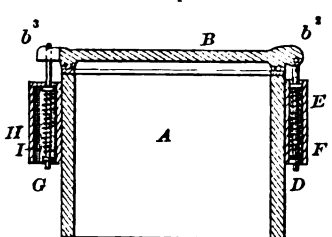
78774—E. W. Walton—Horse Hoe.



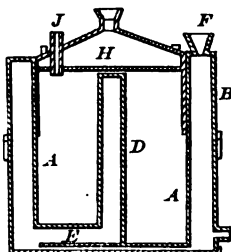
78775—T. P. Warren—
Clevis Iron.



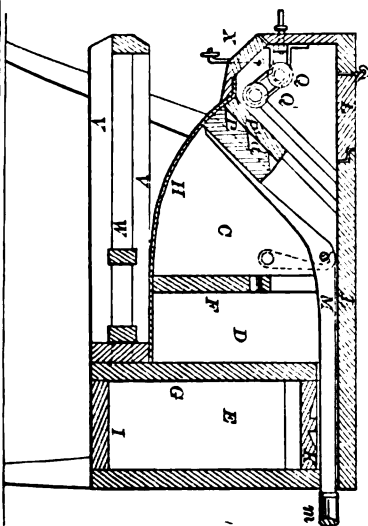
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Axle Cup.



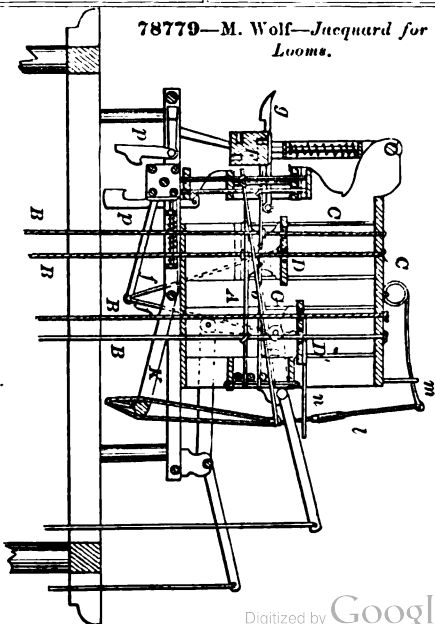
78777—White & King—
Refrigerating Milk Can.



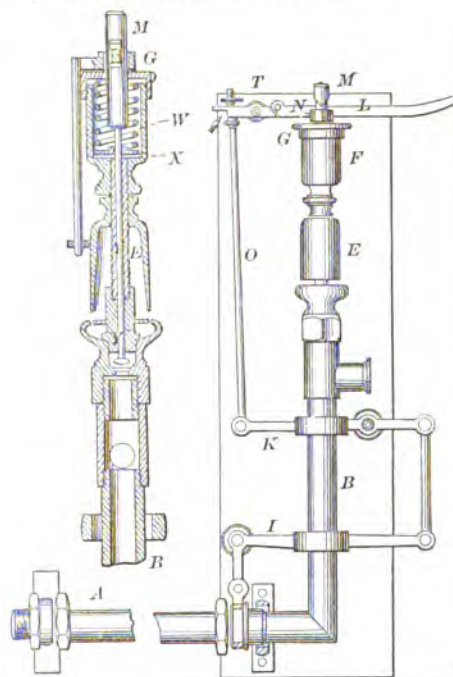
78778—Wilms & Wolfe—Dough
Kneader.



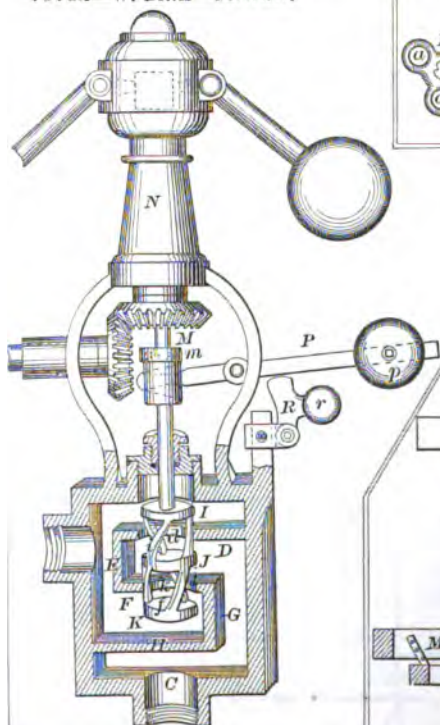
78779—M. Wolf—Jacquard for
Looms.



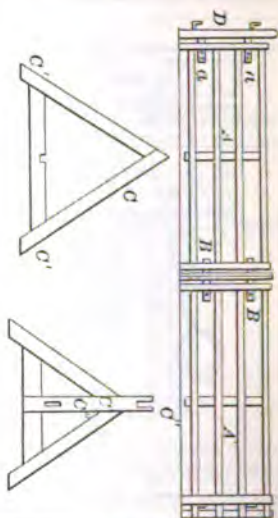
78781—T. P. Akers—Boiler Indicator.



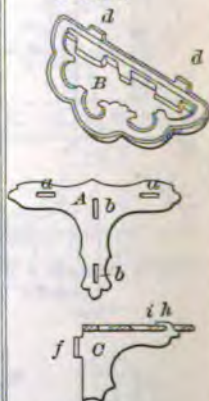
78782—W. Bellis—Governor.



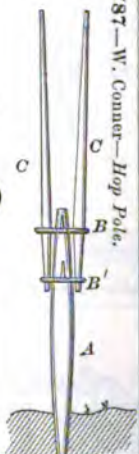
78783—L. W. Rosart—Portable Fence.



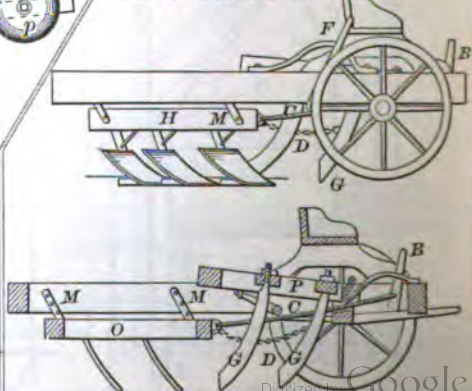
78784—P. Bradford—Bracket.



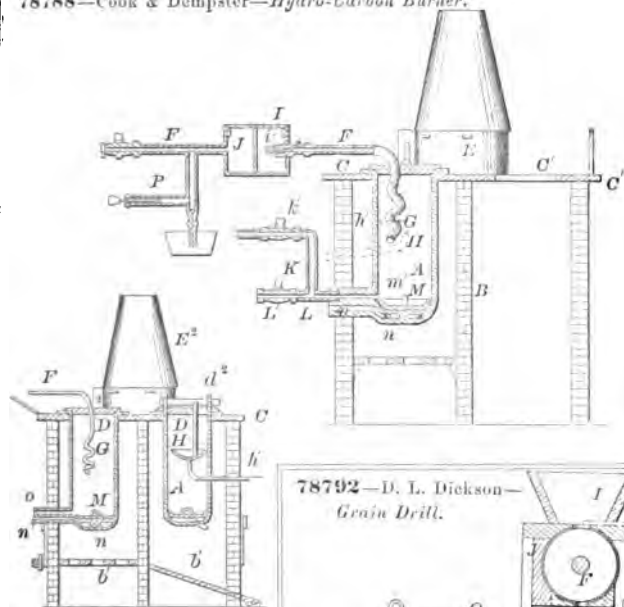
78787—W. Conner—Hoop Pole.



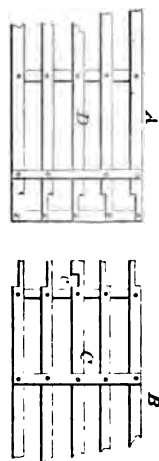
78785—Brown & Gerth—Ploie.



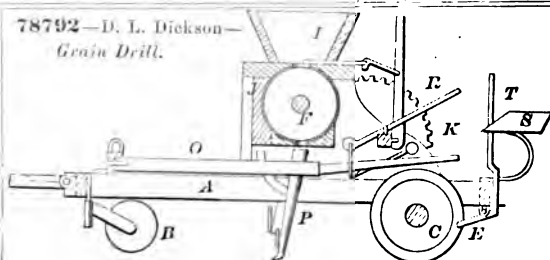
78788—Cook & Dempster—Hydro-Carbon Burner.



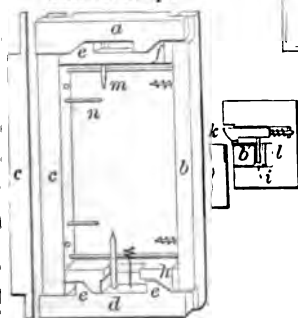
78789—W. Corson—Portable Fence.



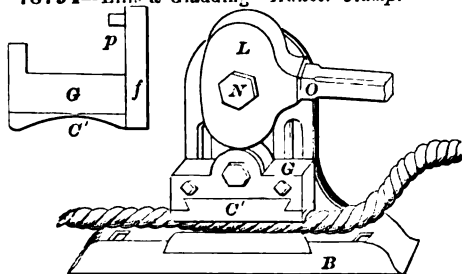
78792—D. L. Dickson—Grain Drill.



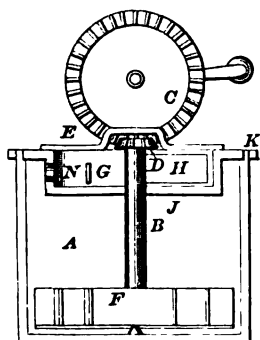
78790—J. Cross—Weather Strip.



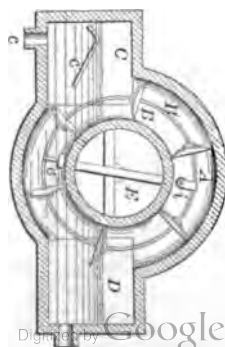
78794—Ellis & Gladding—Hawser Clamp.



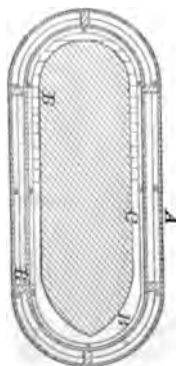
78791—S. T. Curtiss—Churn.



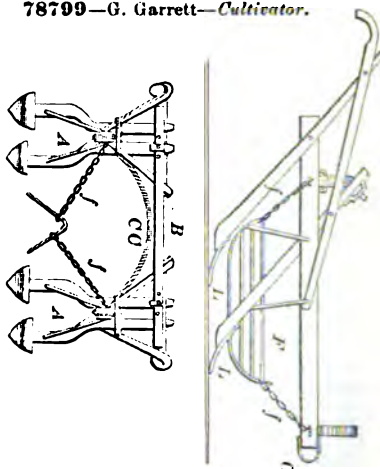
78795—H. Flad—Water Meter.



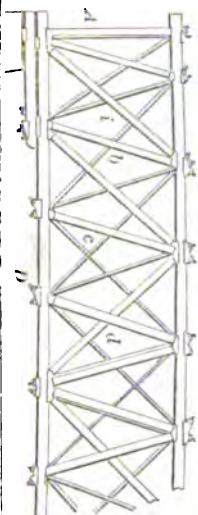
78793—J. B. Eads—Sub-Aqueous Foundation.



78799—G. Garrett—Cultivator.



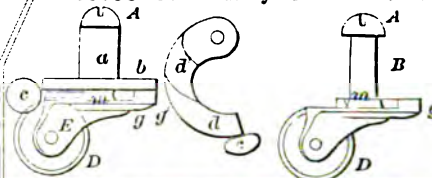
78797—J. Foreman—Truss Pinned Bridge.



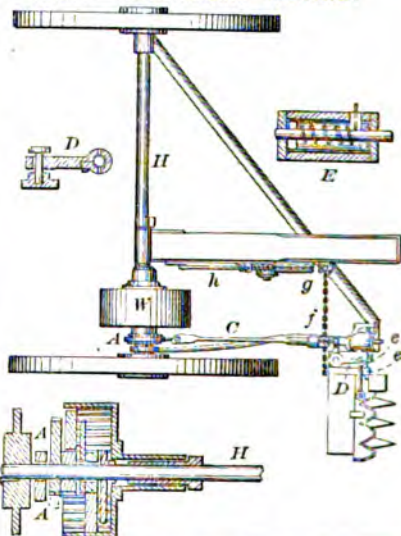
78796—J. Flood—Attaching Handles to Cutlery.



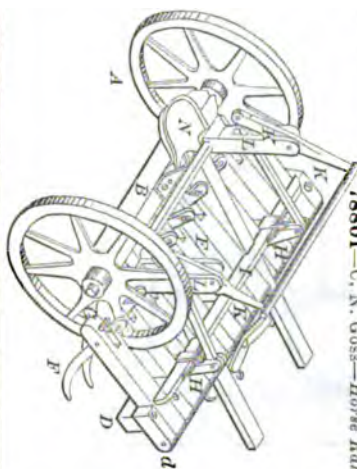
78798—E. E. Furney—Furniture Caster.



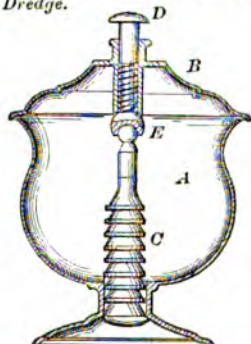
78800—W. F. Goodwin—Harvester.



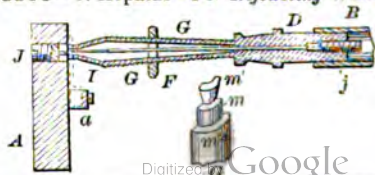
78801—C. N. Goss—Horse Rake.

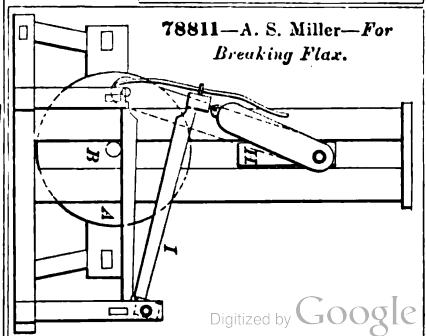
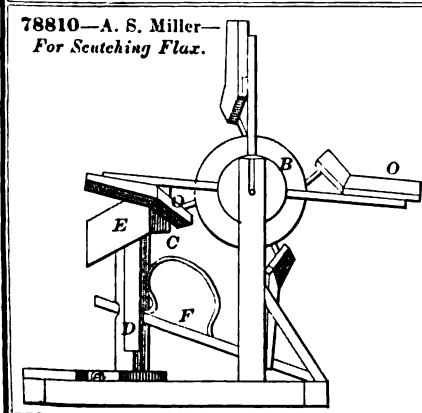
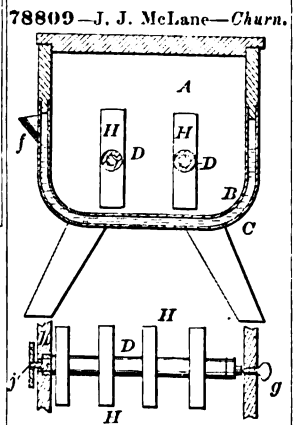
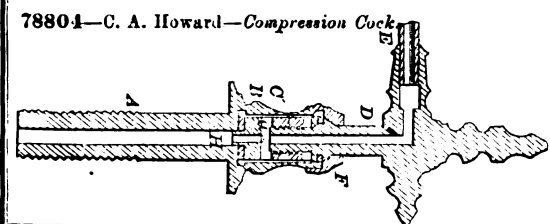
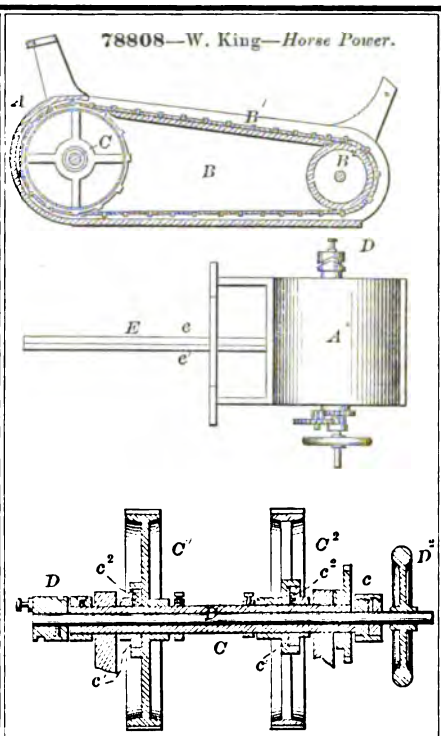
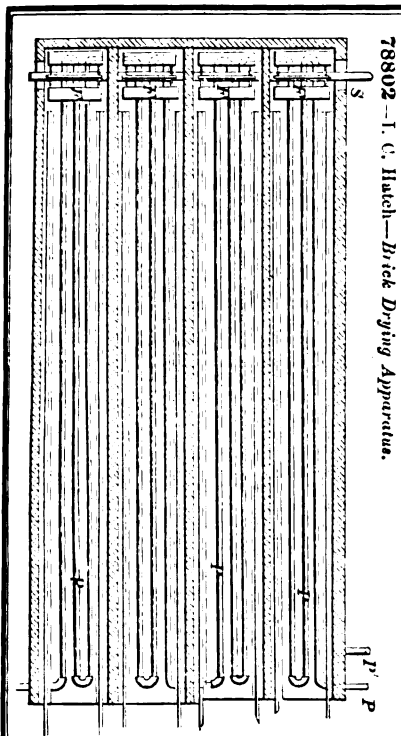


78805—G. Jones—Sprinkler and Dredge.

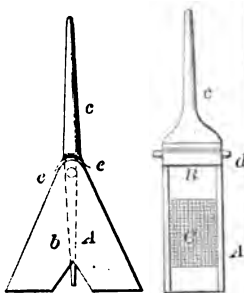


78803—C. Hopkins—For Rejeweling Watches.

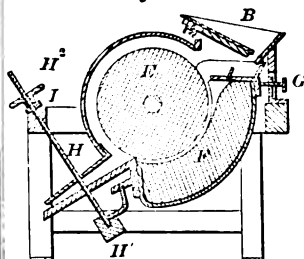




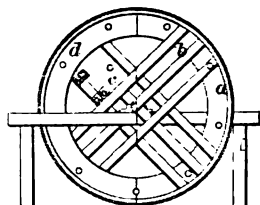
78812—S. Mills—Churn.



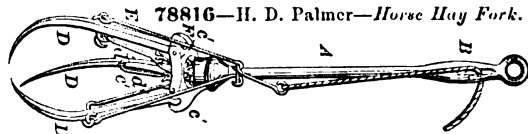
78814—J. P. Moore—Grinding Mill.



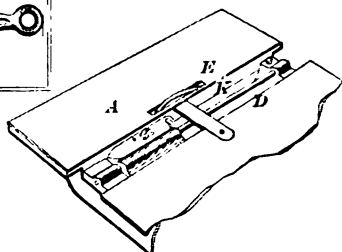
78815—H. Muller—For Stuffing Leather.



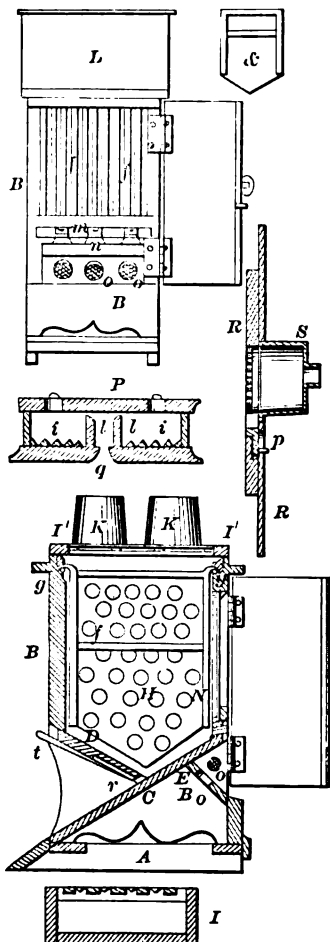
78816—H. D. Palmer—Horse Hay Fork.



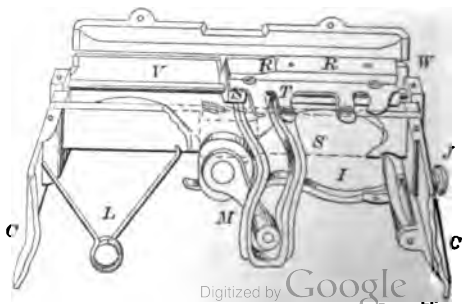
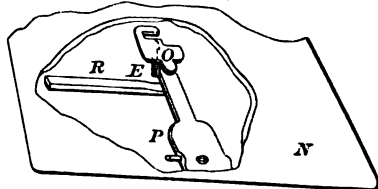
78817—C. Parham—Sewing Machine.



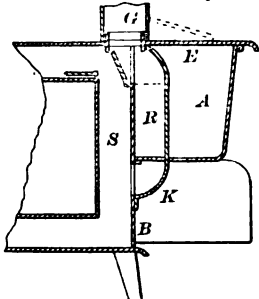
78813—F. Moore—Bechire.



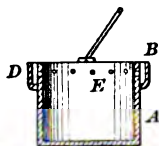
78818—C. Parham—Sewing Machine.



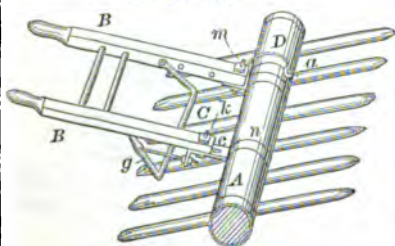
78819—D. E. Paris—*Hot Water Tank on Cooking Stoves.*



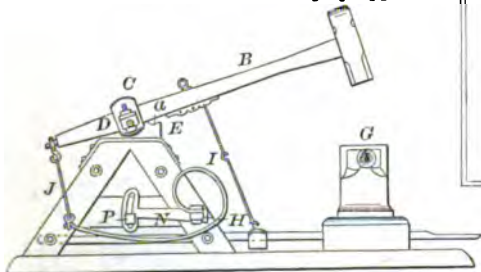
78823—H. H. Pember—*Kettle.*



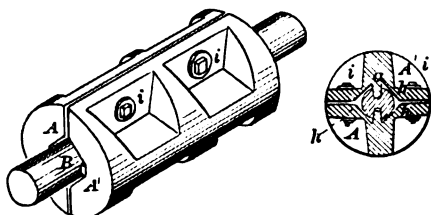
78824—Pennington & Woodfill—*Horse Rake.*



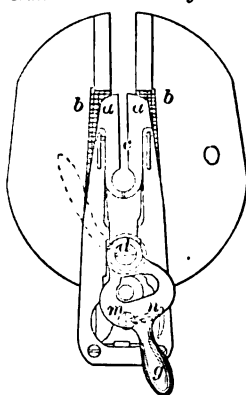
78825—Peterson & Jones—*Forging Apparatus.*



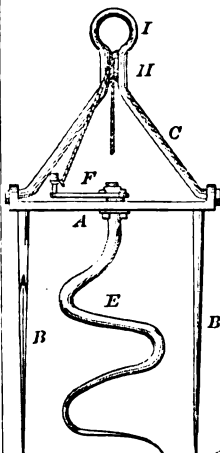
78827—T. W. Porter—*Shaft Coupling.*



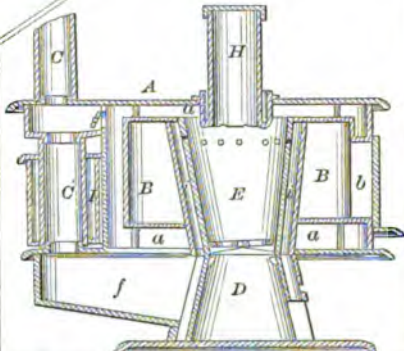
78821—R. H. Peabody—*Button Hole Stitching Machine.*



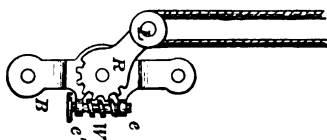
78820—E. M. Parker—*Horse Hay Fork.*



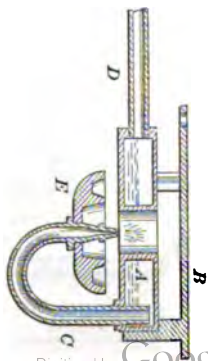
78822—H. Pease—*Cook Stove.*



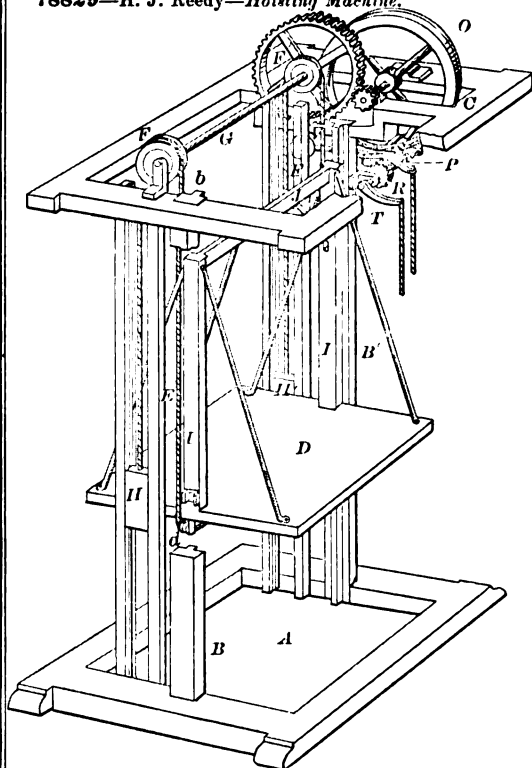
78826—G. T. Pillings—*Shade Fixture.*



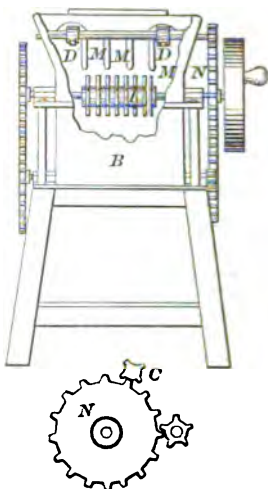
78828—D. W. Ranke—*Gas Generator.*



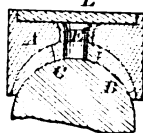
78829—H. J. Reedy—Hoisting Machine.



78830—N. Richardson—Ice Crusher.



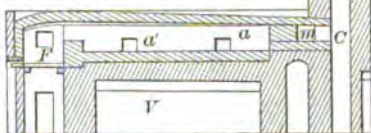
78832—J. T. Robinett—Journal Box.



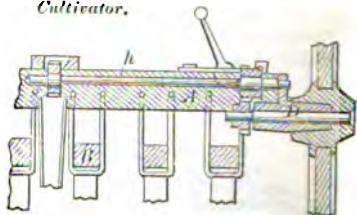
78831—W. Sanderson—Handle of Table Cutlery.



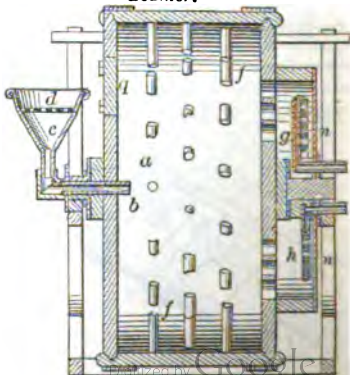
78831—L. E. Rivot—Treating Gold and Silver Ores.



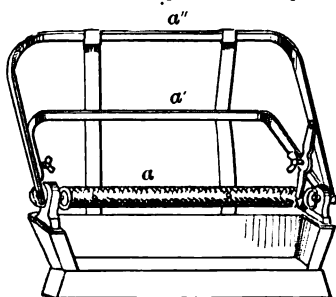
78833—J. S. & I. Rowell—Seeder and Cultivator.



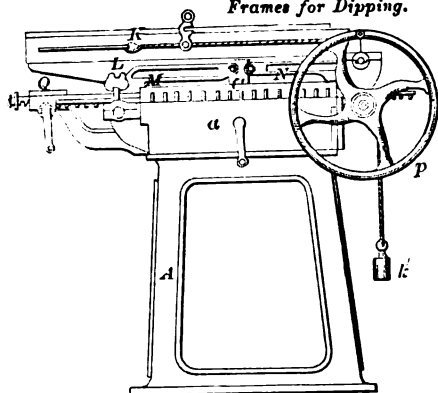
78835—J. W. Schayer—For Stuffing Leather.



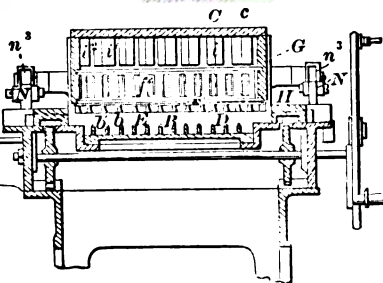
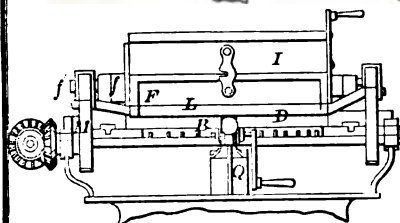
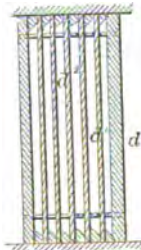
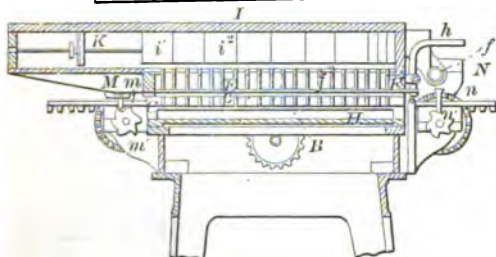
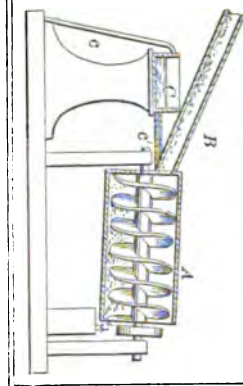
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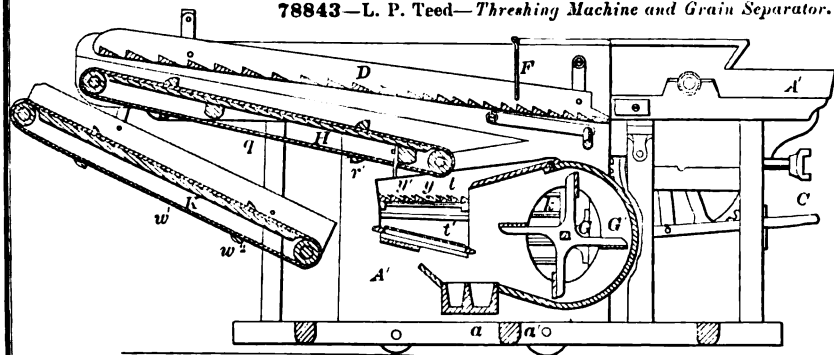
78837—G. Sebold—For Placing Friction Matches in Frames for Dipping.



78838—I. Shellabarger—For Dumping Grain.



78843—L. P. Teed—Threshing Machine and Grain Separator.

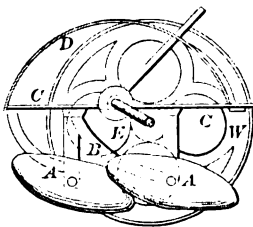
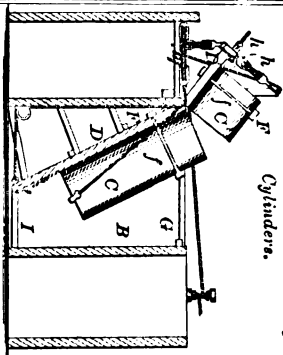
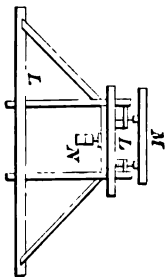
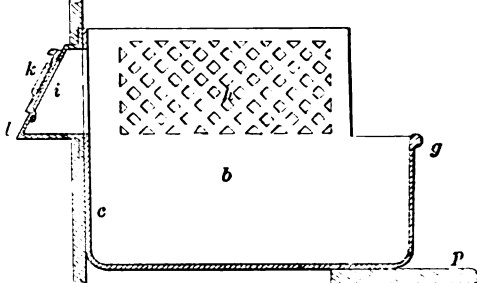
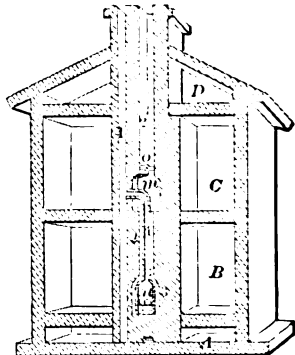
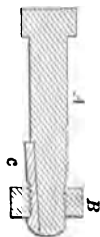
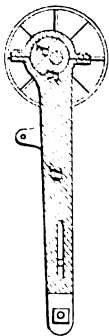
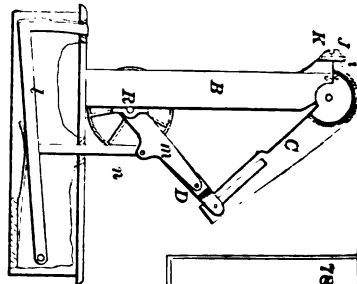
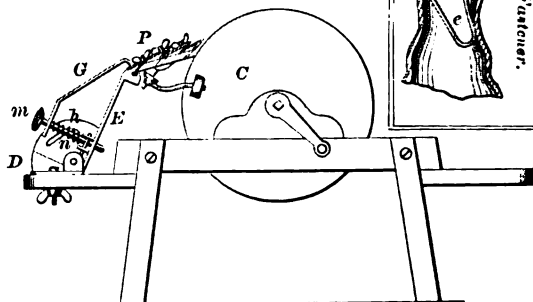
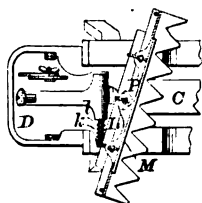


78839—J. A. Simpson—Umbrella and Parasol.

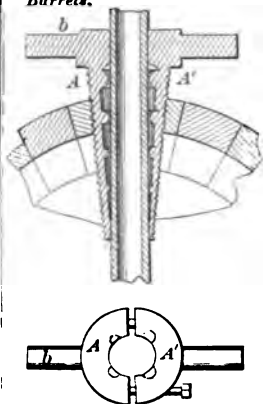


78844—E. H. Tobey—For Raising and Lowering Windows.

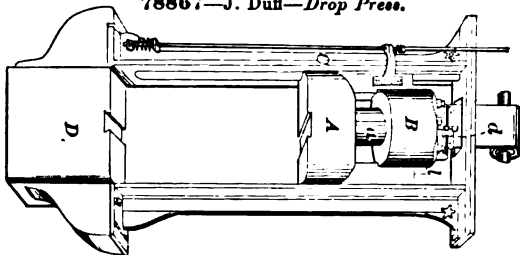


78856—L. W. Beal—*Plow.*78857—S. S. Bent—*Hen's Nest.*78860—G. R. Brumhall—*Lowering
Cylinders.*78859—T. Boyd—*Heating Building.*78861—D. W. Colburn—*Wrench.*78864—D. Cumming, Jr.—*Locking Nut.*78862—J. Copley—*Forging Machine.*78863—M. C. Cronk—*For Grinding Mowing Machine Knives.*78866—J. Hounds—*Pepper
Box Tye Fastener.*

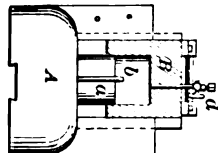
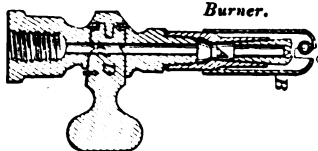
78865—J. F. de Navarro—
For Attaching Pumps to
Barrels.



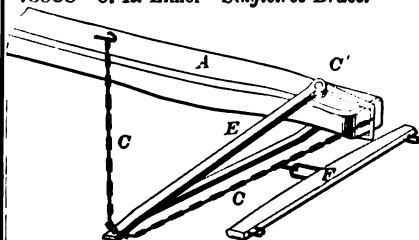
78867—J. Duff—Drop Press.



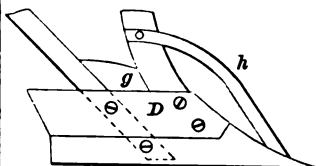
78871—S. Gardiner, Jr.—Gas
Burner.



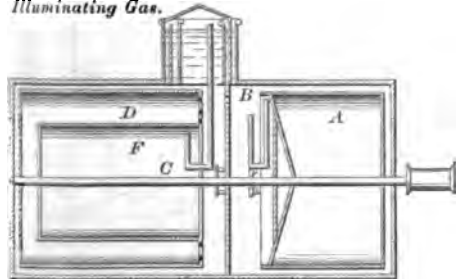
78868—C. R. Elmer—Singletree Brace.



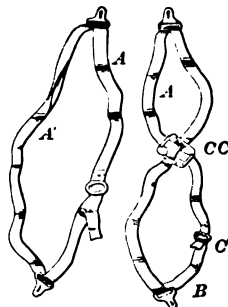
78869—C. M. French—Plow.



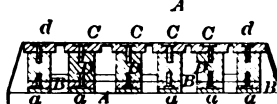
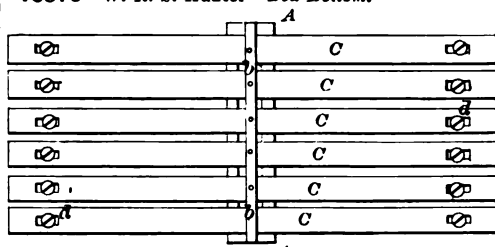
78870—G. P. Ganster—Manufacture of
Illuminating Gas.



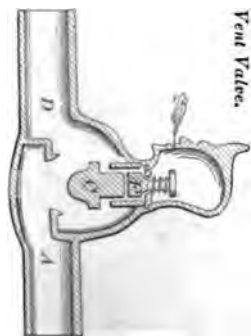
78872—A. W. Harris—Suspenders.



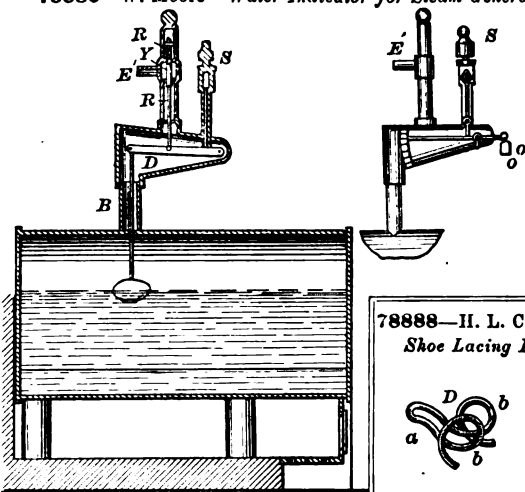
78876—W. R. S. Hunter—Bed Bottom.



78873—J. H. G. Hawes—Inflator and
Vent Valve.



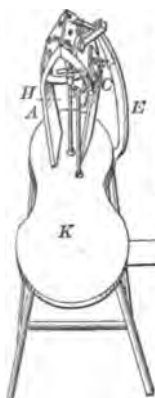
78885—W. Moore—Water Indicator for Steam Generators.



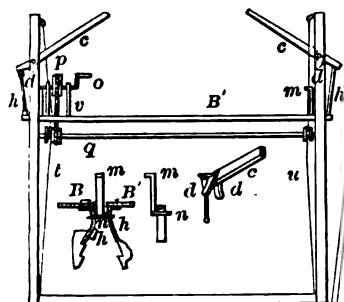
78888—H. L. C. Muller—Shoe Lacing Device.



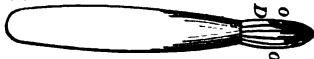
78884—M. B. Muller—Sewing Horse.



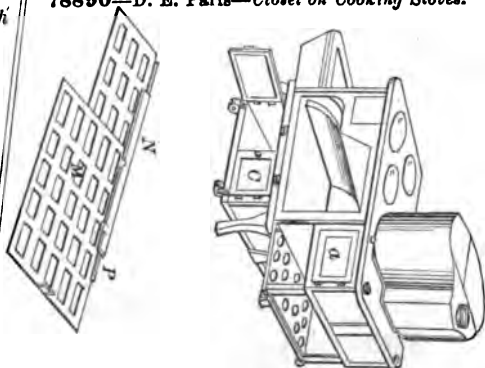
78886—D. Morrison—Staging.



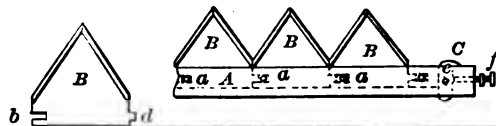
78887—Morse & Powell—Eraser.



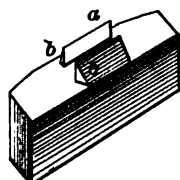
78890—D. E. Paris—Closet on Cooking Stoves.



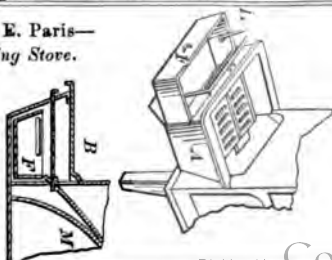
78889—J. T. Norris—Harvester Cutter.

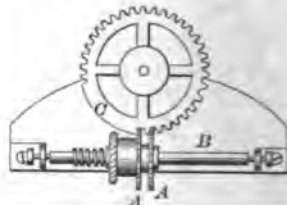
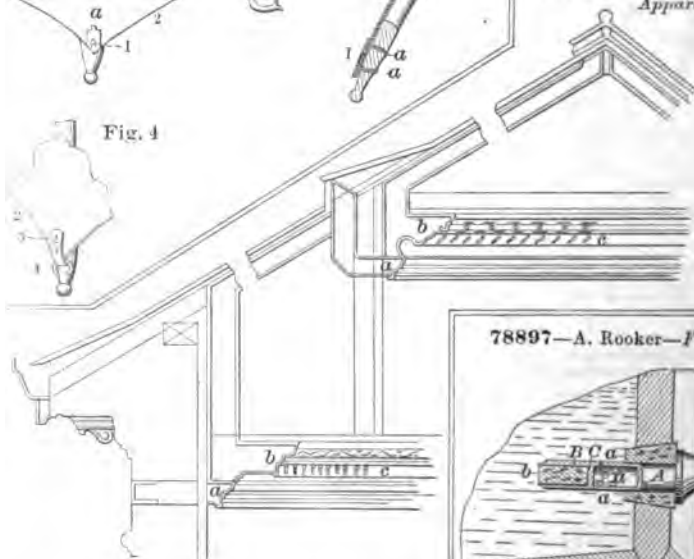
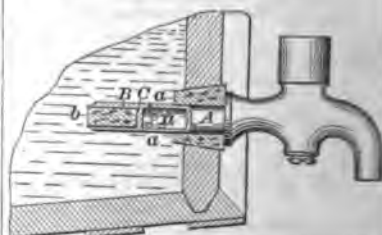
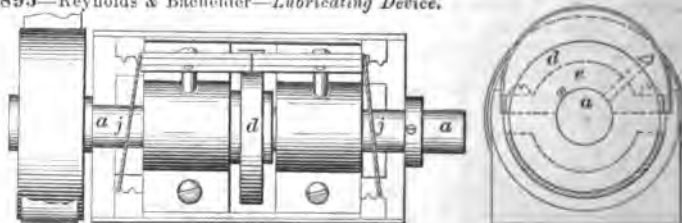
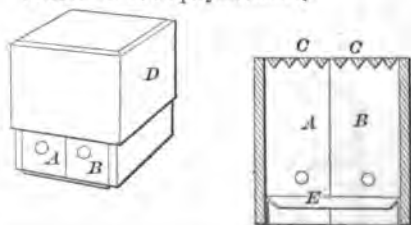


78892—C. H. Perkins—Toe Calk for Horse Shoes.

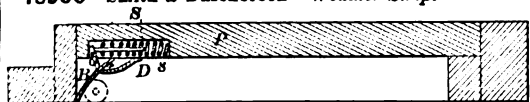


78891—D. E. Paris—Cooking Stove.

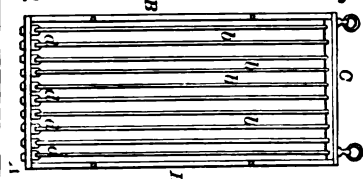


78893—G. W. Pierce—*Umbrella.*78896—E. Roberts—*For Cutting the Teeth of Wheels.*78894—W. Potts—*Ventilating Apparatus.*78897—A. Rooker—*Faucet.*78895—Reynolds & Bachelder—*Lubricating Device.*78898—S. P. Shipley—*Beehive.*78899—A. D. Smith—*Lock Nut.*

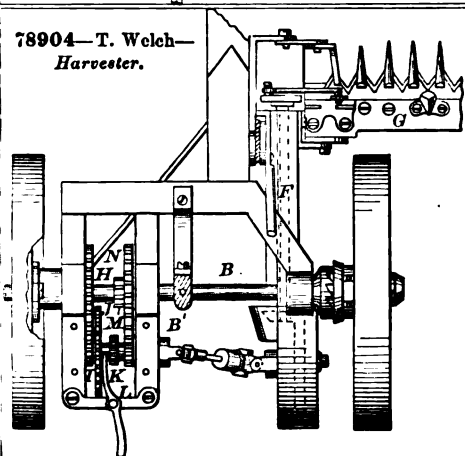
78900—Smith & Dasenbrook—Weather Strip.



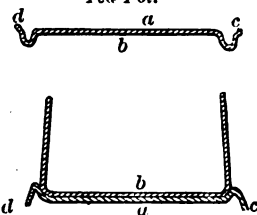
78902—R. B. Stillman—Clothes Dryer.



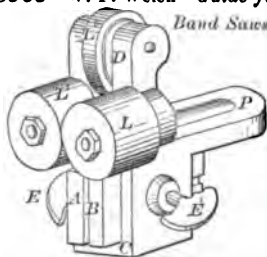
78904—T. Welch—Harvester.



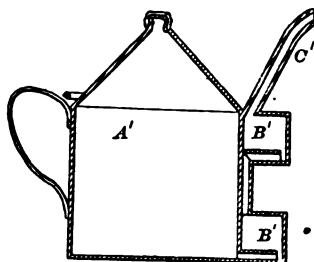
78901—W. W. Stevens—Tea Pot.



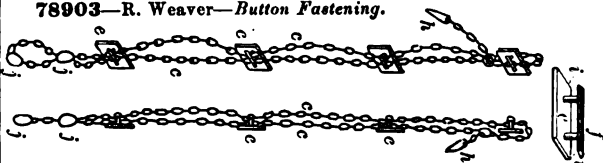
78905—W. P. Welch—Guide for Band Saws.



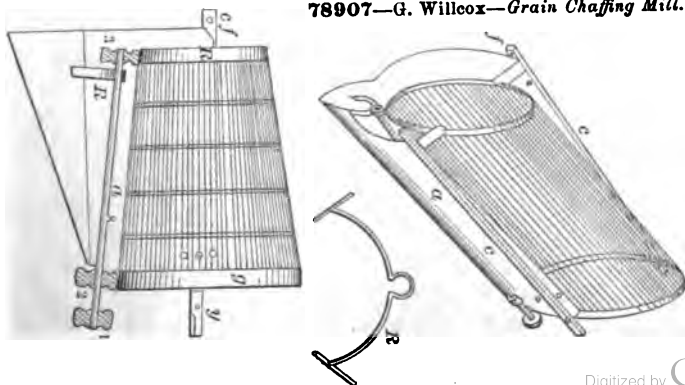
78906—H. B. Wellman—Oil Can.



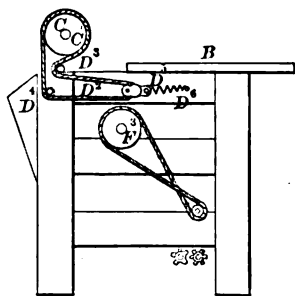
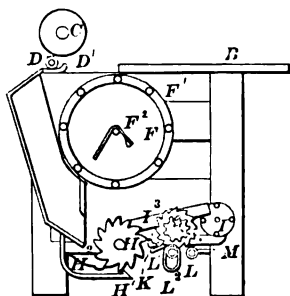
78903—R. Weaver—Button Fastening.



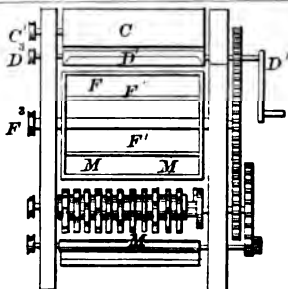
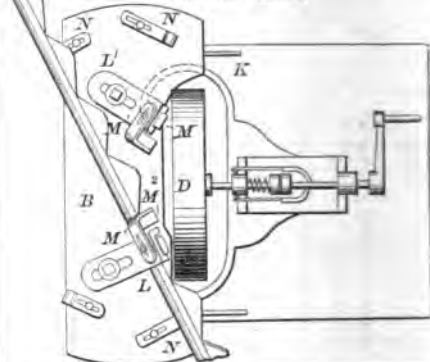
78907—G. Willecox—Grain Chaffing Mill.



78908—C. O. Yalo—Corn Husker.

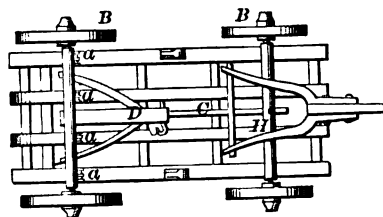


78909—York & Wilson—For Grinding Mowing Machine Cutters.

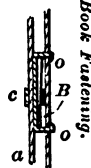


78910—E. H. Babcock—Drill Chuck.

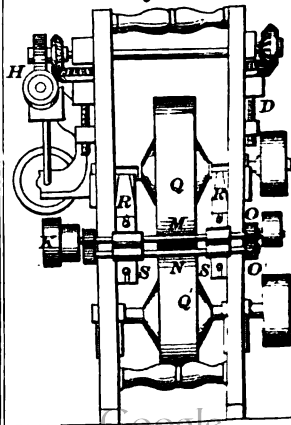
78913—J. F. Applegate—Wagon.



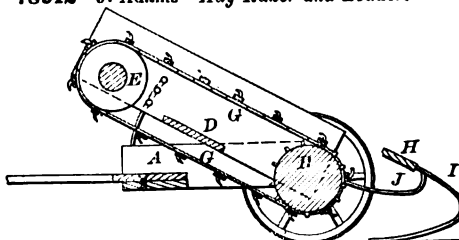
78914—J. C. Arms—Pocket Book Fastener.



78915—E. C. Atkins—For Polishing Metal Plates.



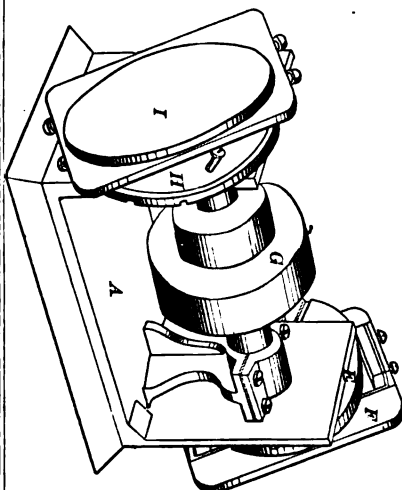
78912—J. Adams—Hay Raker and Loader.



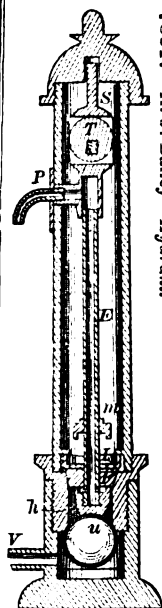
78918—T. S. Ball—Pruning Shears.



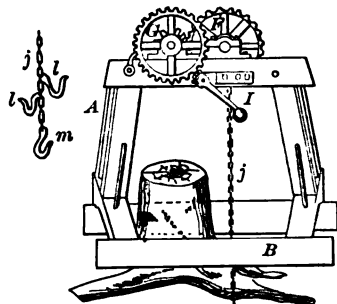
78919—A. P. C. Bonte—Wood Turning Lathe.



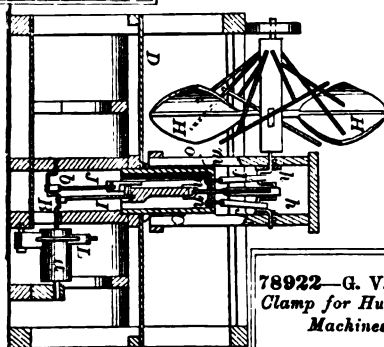
78917—H. J. Bailey—Hydrant.



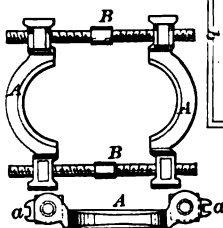
78920—J. G. Boyer—Stump Extractor.



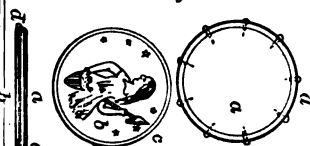
78921—J. T. Braun—Wind Wheel.



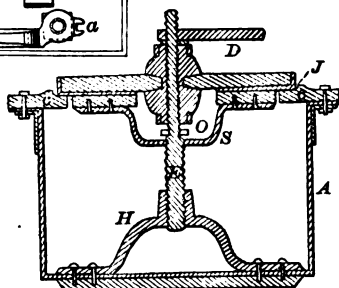
78922—G. V. Brecht—Clamp for Hub Boring Machines.



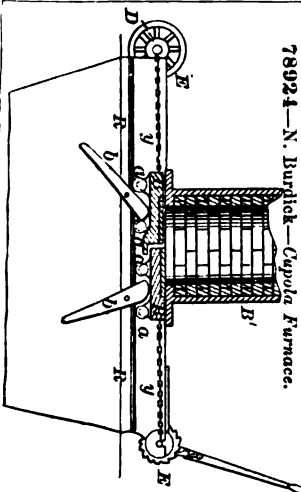
78923—H. H. Browne—Advertising Device.

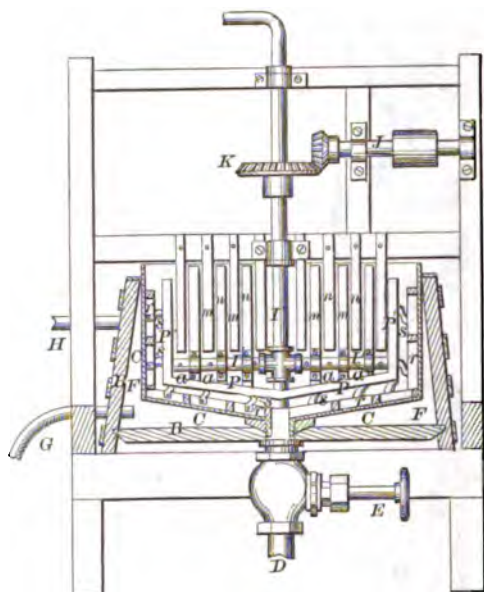
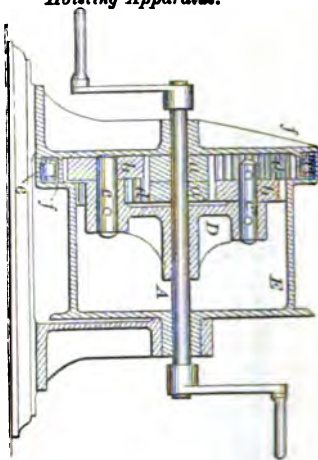
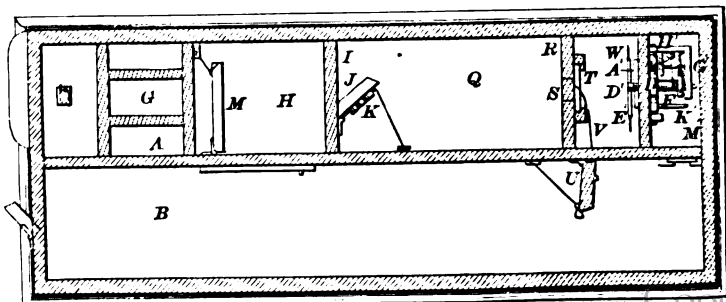
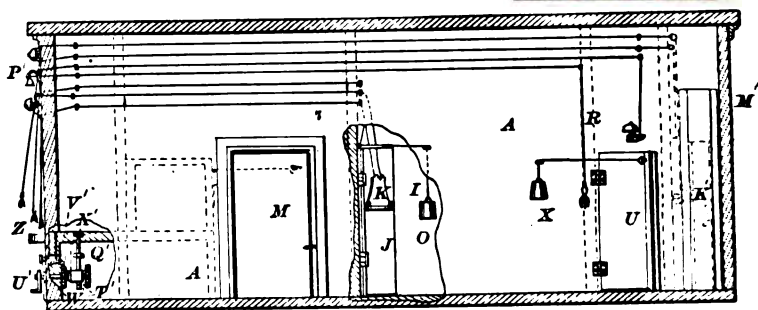
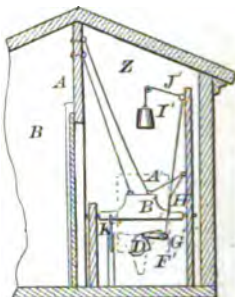


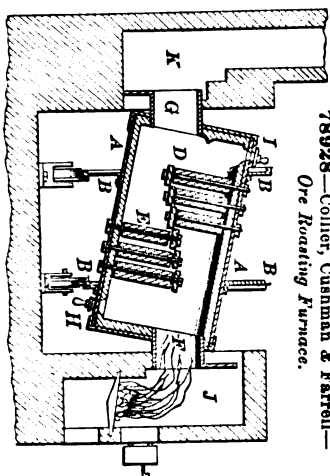
78926—R. Cawthorne—Tire Setter.



78924—N. Burdick—Capola Furnace.

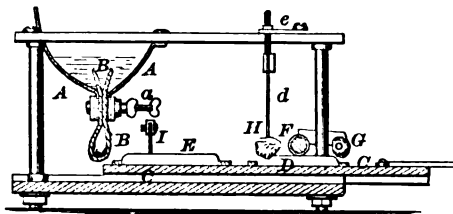
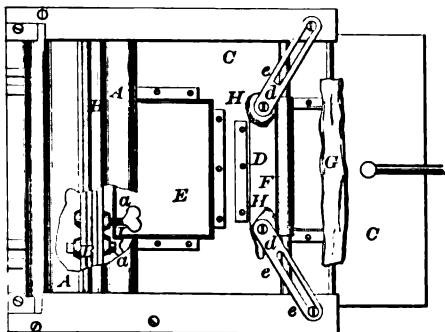


78925—G. C. Cassard—*Lard Cooler.*78927—J. Christiansen—*Hoisting Apparatus.*78929—J. S. Conlin—*Shooting Gallery.*



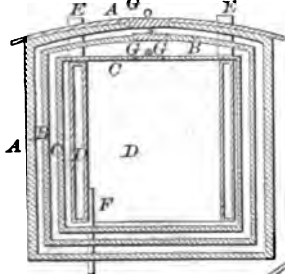
78928—Collier, Cushman & Farrell—
Ore Roasting Furnace.

78930—G. Cooper—*Lithographic Press.*

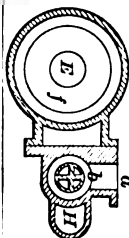
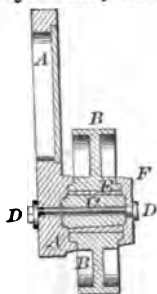


78931—J. Danner—*Pencil Sheath.*

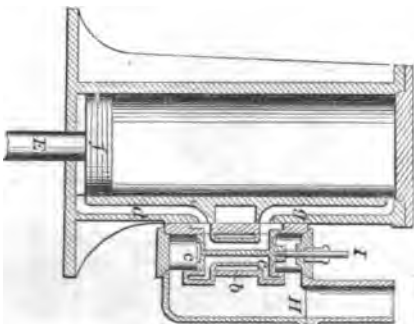
78932—W. Davis—*Preserving Meat.*



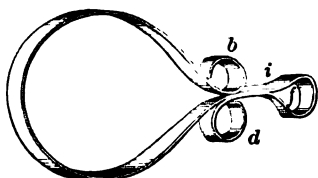
78934—G. S. Deane—
Gauge Wheel for Plows.



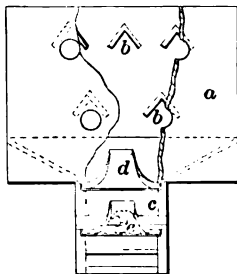
78933—D. Davy—*Piston Valve for Steam Hammers.*



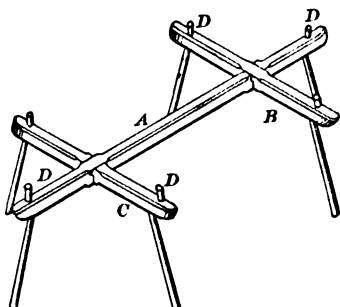
78936—H. H. Dickinson—*Tail Clasp for Milkers.*



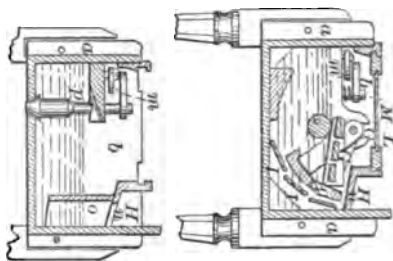
78935—D. A. Dickinson—
*Ventilating and Drying
Corn and Grain.*



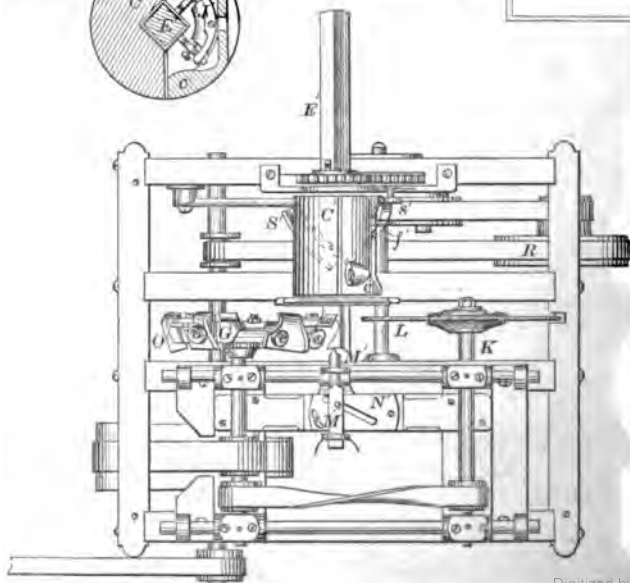
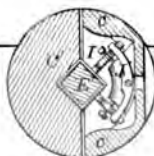
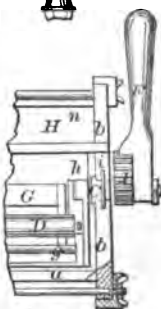
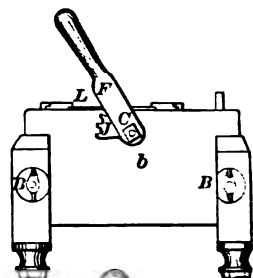
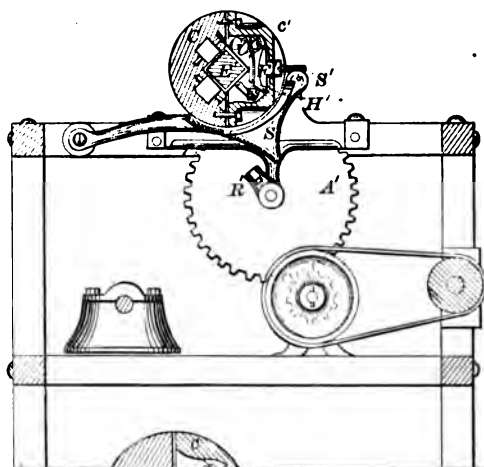
78937—F. Diebold—Wash Bench.



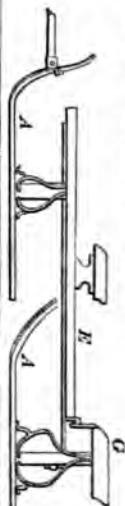
78940—W. M. Doty—Washing Machine.

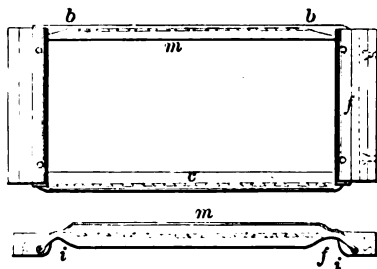
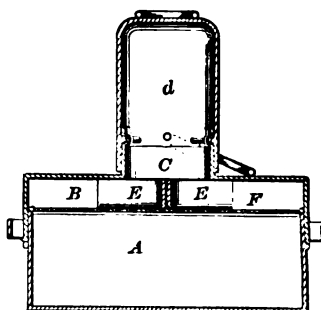
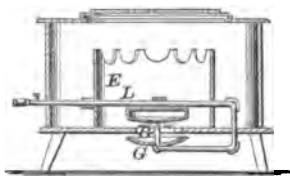
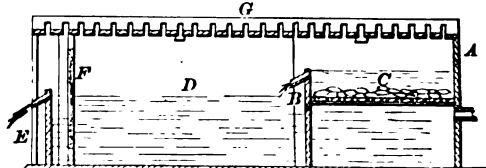
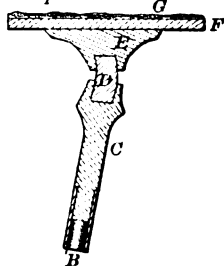
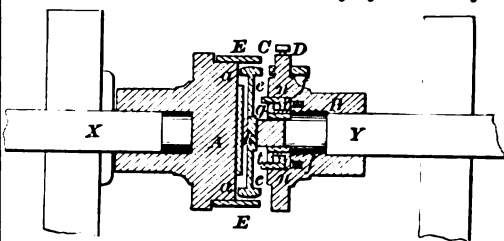
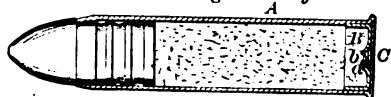
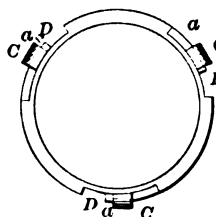
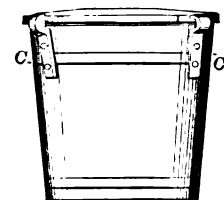


78938—W. Donaldson—For Making Bungs.

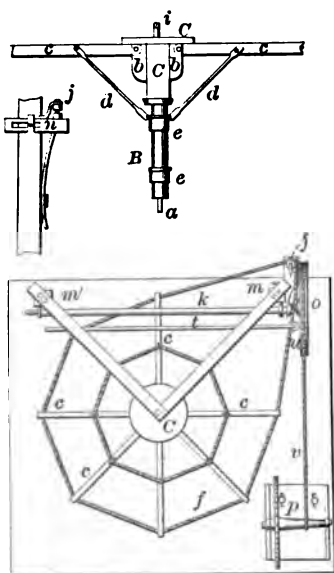


78939—J. P. Dorman—Sleigh.

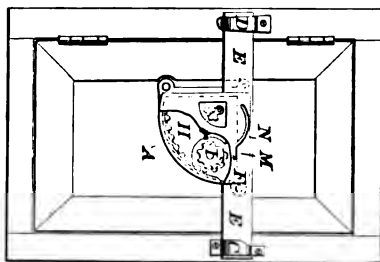
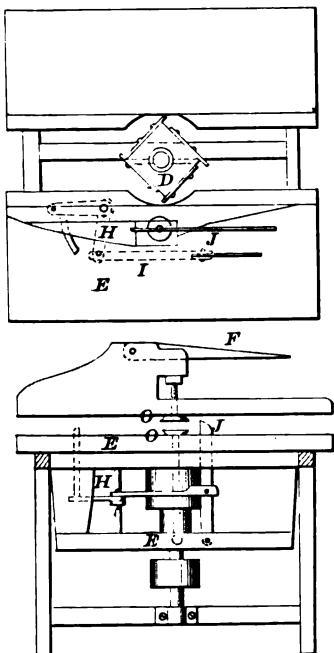


78948—A. C. Flint—*Mosquito Bar.*78949—C. Folsom—*Ash Sifter.*78951—O. C. Fox—*Gas Heater.*78952—W. H. Furman—*Pisciculture.*78950—H. D. Forbes—*Mosquito Killer.*78954—J. Gibbons—*For Forming Cylinder Rings.*78953—R. J. Gatling—*Priming Metallic Cartridges.*78955—D. A. Gilbert—*Butter Tub.*78956—E. Guillou—*Drilling Jar.*78956—L. Oranger—*Spring Rod Bottom.*

78957—J. A. Green—Horse Power.

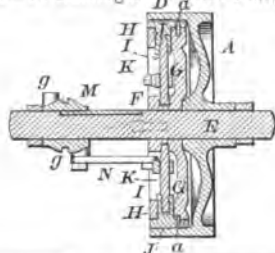


78959—S. Hagaman—For Rounding Slate Frames.

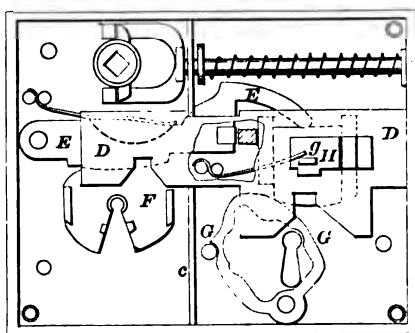


78960—J. E. Hanger—Door Lock.

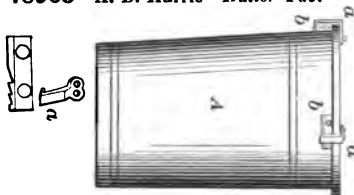
78961—D. Harrington—Clutch Pulley.



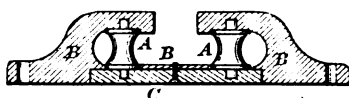
78962—R. C. Harrington—Door Lock.



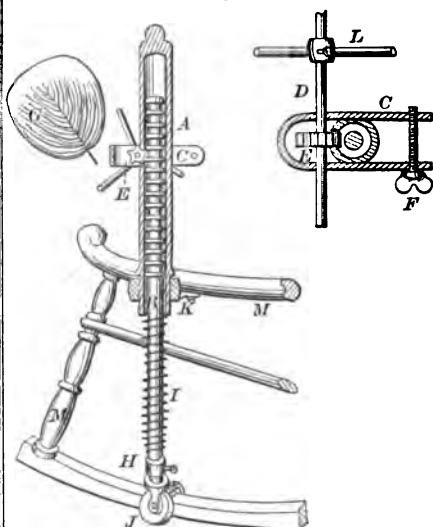
78963—A. B. Harris—Butter Tub.



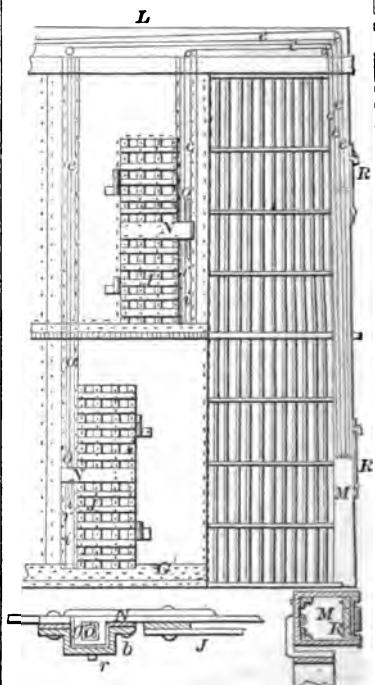
78964—J. T. Haskins—Warping Chuck.



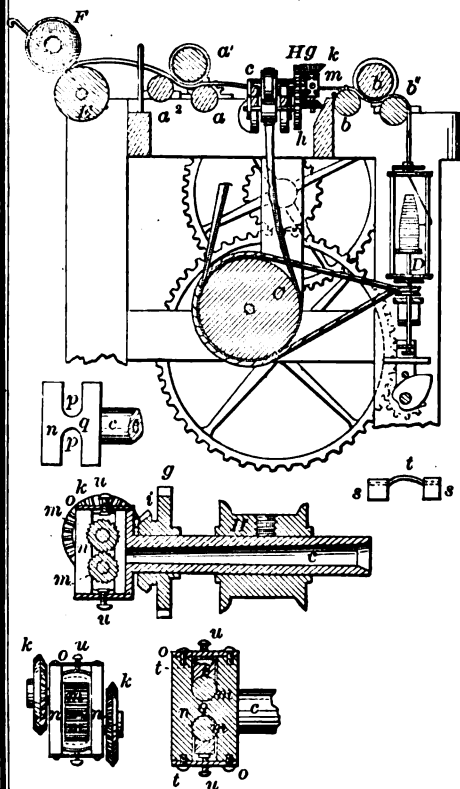
78965—A. R. Hobbs—*Fanning Attachment for Rocking Chairs.*



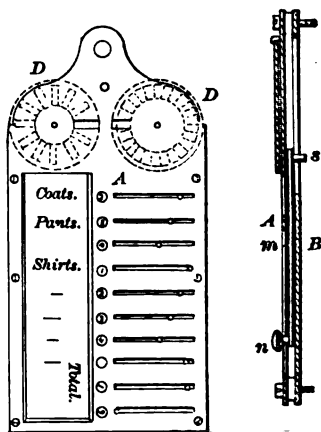
78966—I. Hodgson—*Prison.*



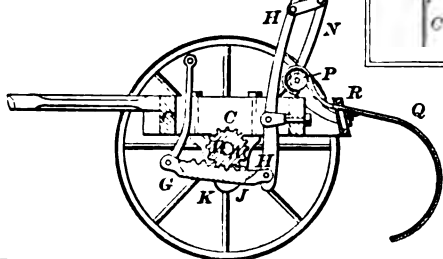
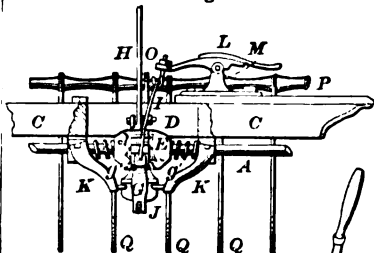
78968—A. L. Houghtaling—*Drawing and Twisting Head.*



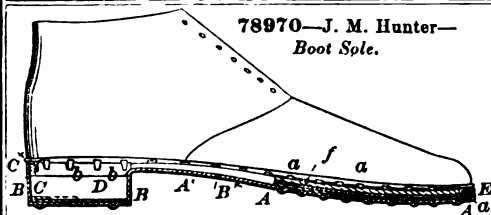
78967—J. S. & J. H. Hood—*Perpetual Register.*



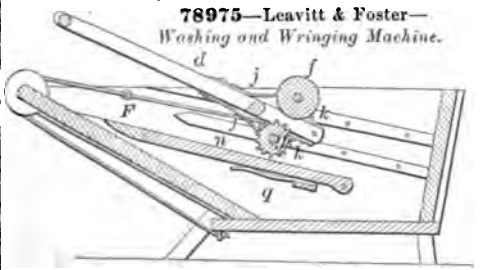
78969—J. Hunsberger—*Horse Rake.*



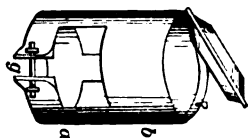
78970—J. M. Hunter—
Boot Sole.



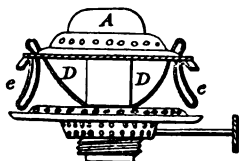
78975—Leavitt & Foster—
Washing and Wringing Machine.



78976—L. Lehman—*Bottle Lock.*



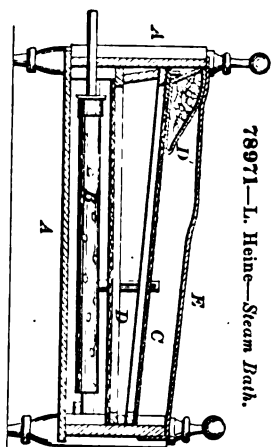
78978—H. M. Wyatt—
Lamp Burner.



78072—C. King—*Time Piece.*



78971—L. Heine—Steam Bath.



78973—L. Klee—Marsh Tub.

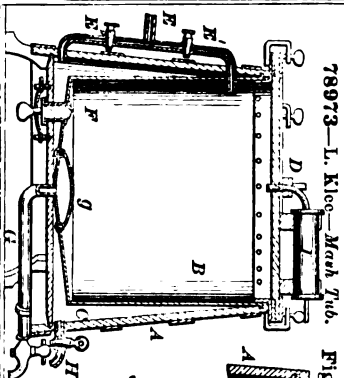
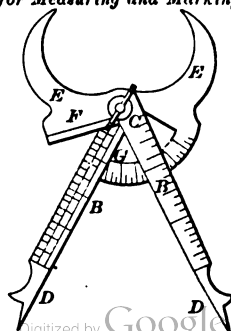
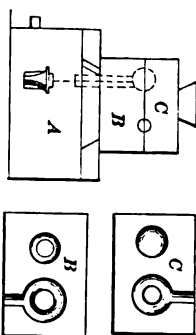


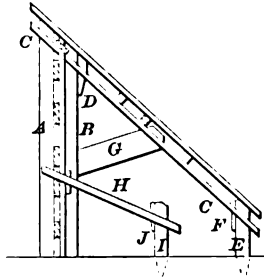
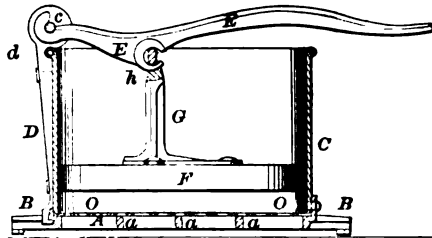
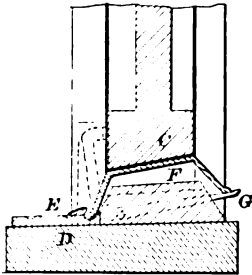
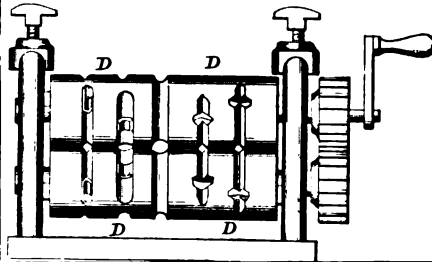
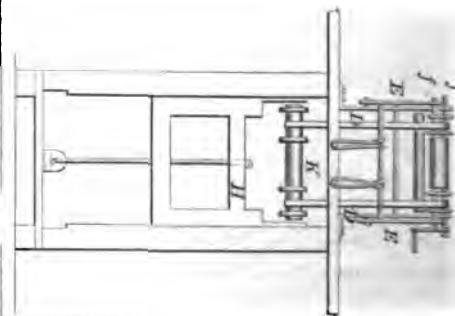
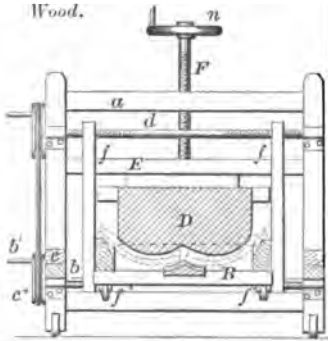
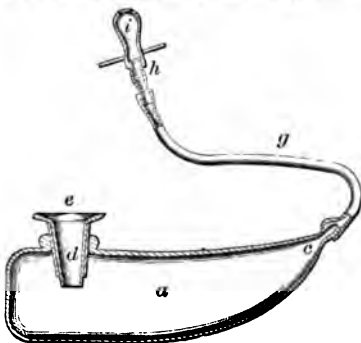
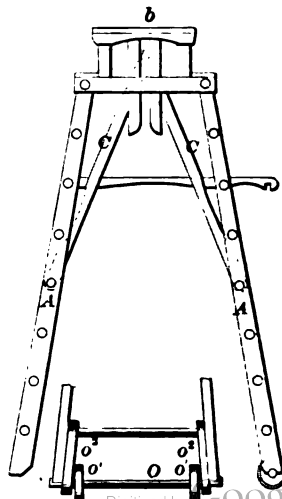
Fig. 3

**78974—C. M. Lane—Tool
for Measuring and Marking.**

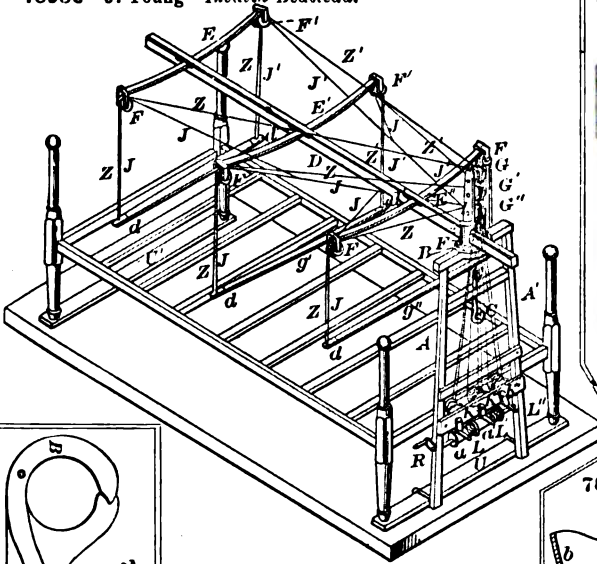


78077—F. Leonard—Die for Forging
Eye Bolts.

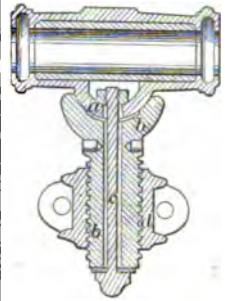


78979—J. Leonard—*Fence.*78981—J. H. Littlefield—*Press and Strainer.*78980—J. E. Lindsley—*Weather Strip.*78984—W. S. Mackintosh—*Axle Roller.*78985—J. & N. Marengo—*For Making Cigars.*78983—J. G. Lucas—*For Bending Wood.*78987—P. J. McElroy—*Nursing Bottle.*78986—A. C. McKendree—*Ladder.*

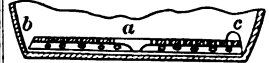
78986—J. Young—Invalid Bedstead.



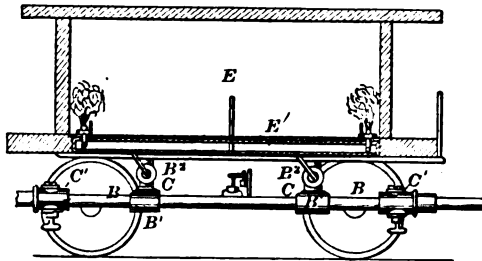
78992—G. V. Orton—
Hanger for Shafting.



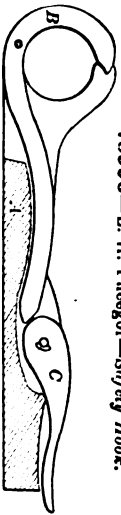
78993—G. T. Palmer—
Bottom for Boilers.



78990—A. C. Miner—*Railroad Car Heater.*



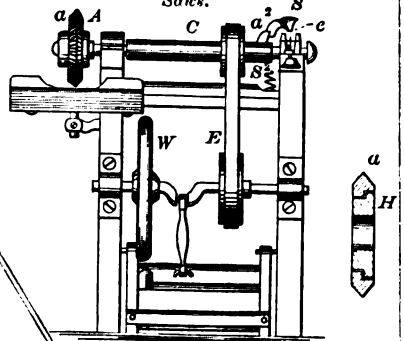
78906—L. II. Phœgor—Sufely Hook.



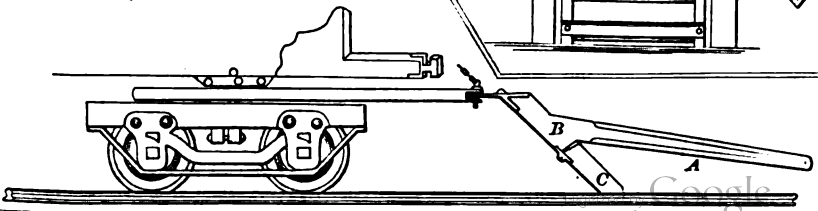
78989—P. H. Mellon—*Quilting Frame.*

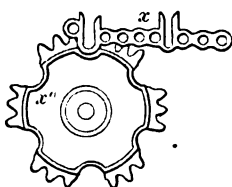
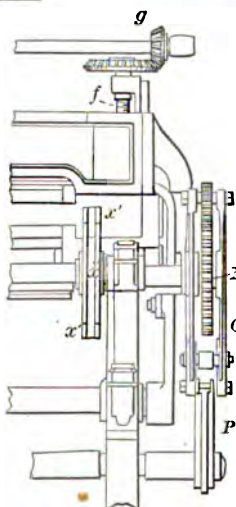
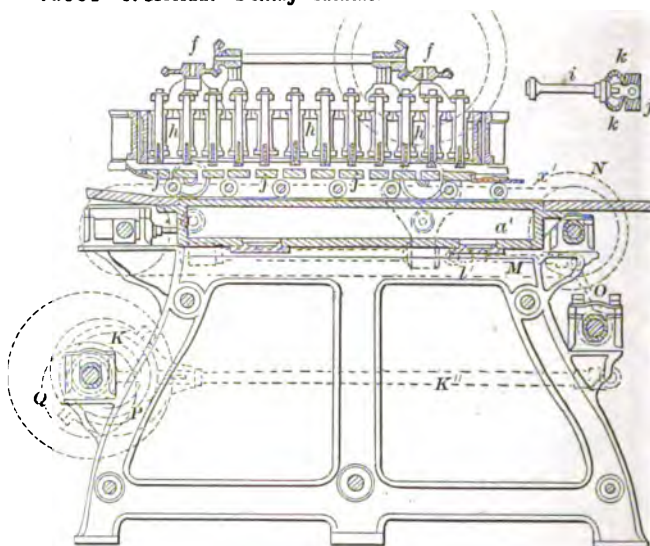
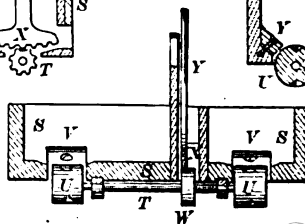
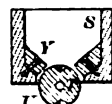
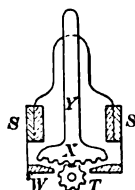
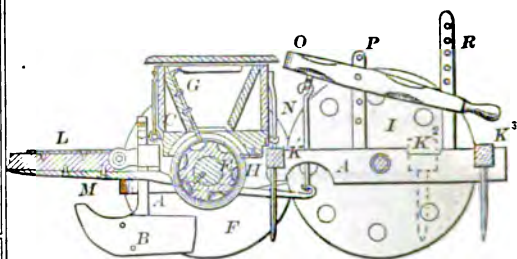
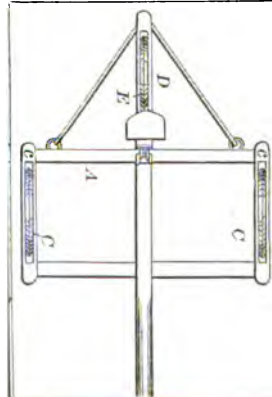


78995—B. P. Pendexter—For Sharpening Saws.

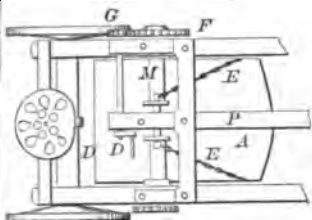


78994—E. C. Patterson—*Railroad Car Jack.*

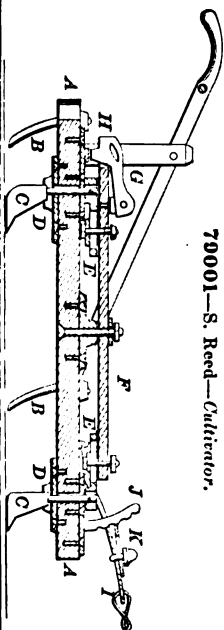
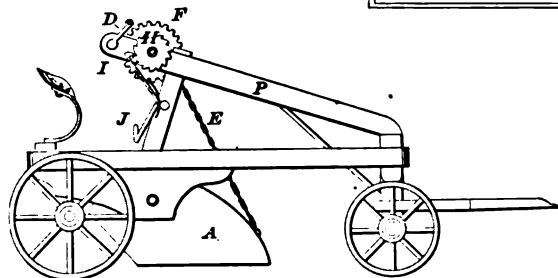
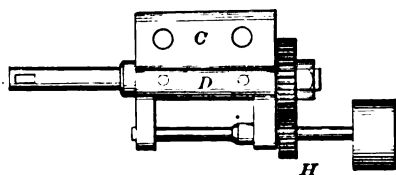


78991—C. Mossant—*Felting Machine.*78998—D. B. Platt—*Harrow, Drill, Planter and Roller.*78997—W. E. Phelps—*Corn Marker.*

78999—F. Post—Scraper.

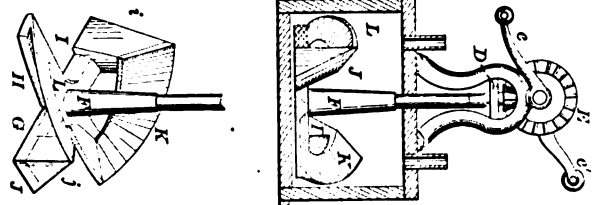


79000—G. Raft—For Fitting Wrist Pins.

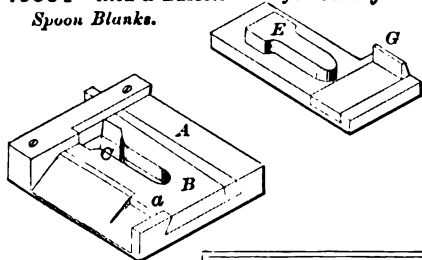


79001—S. Reed—Cultivator.

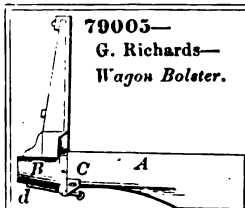
79002—C. C. Reese—Urn.



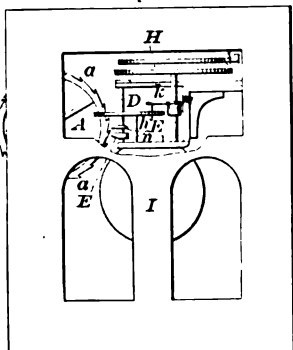
79004—Rich & Bassett—Die for Cutting Spoon Blanks.



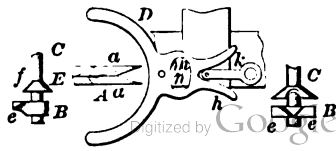
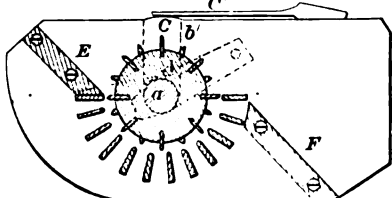
79005—G. Richards—Wagon Bolster.



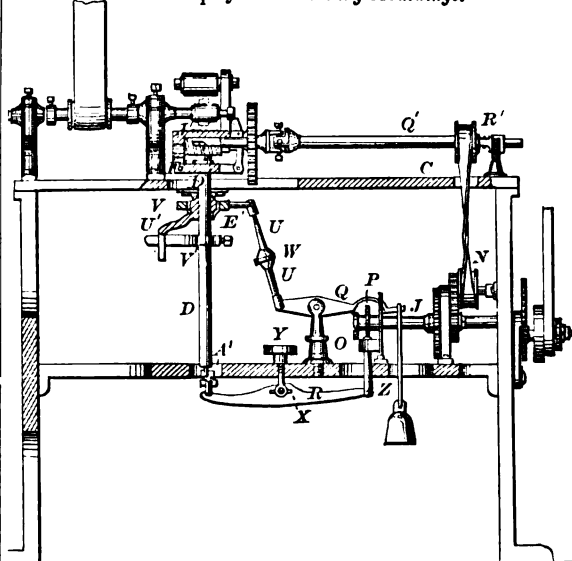
79003—C. Reinhart—Clock Escapement.



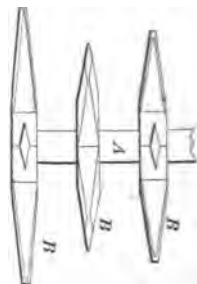
79007—W. Roberts—Corn Sheller.



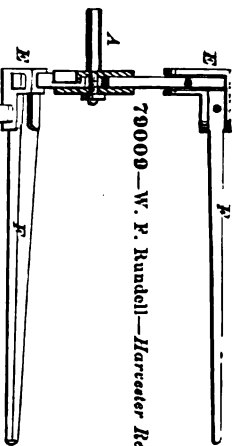
79006—E. H. Ripley—For Planing Mouldings.



79008—J. H. Howe—Churn.



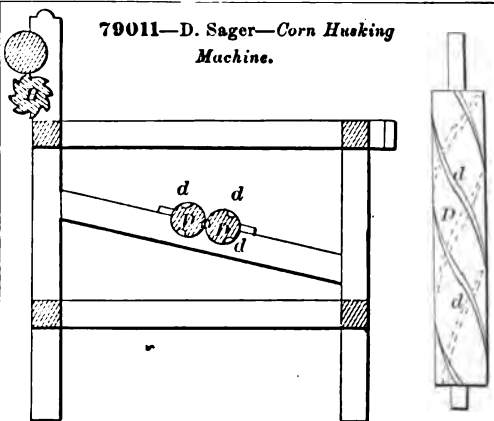
79009—W. K. Randall—Harvester Reel.



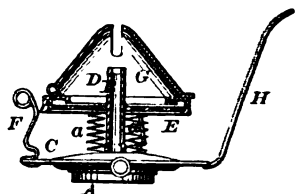
79012—N. C. Sanford—Auger.



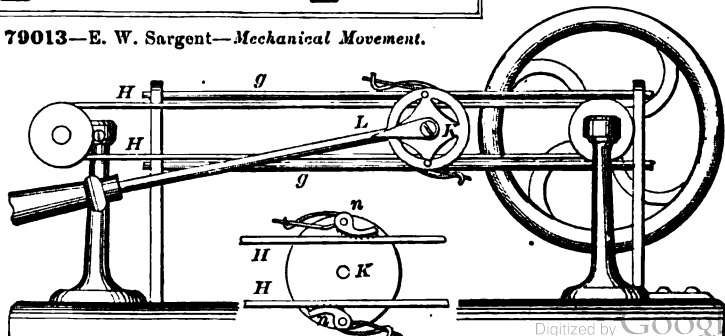
79011—D. Sager—Corn Husking Machine.



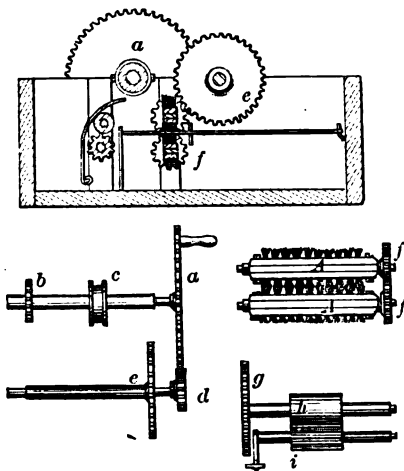
79014—J. W. Schreiber—Lamp Burner.



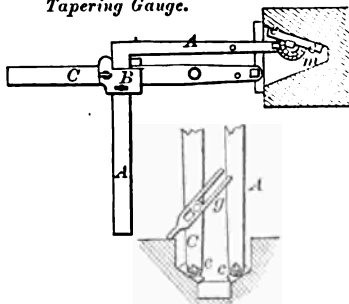
79013—E. W. Sargent—Mechanical Movement.



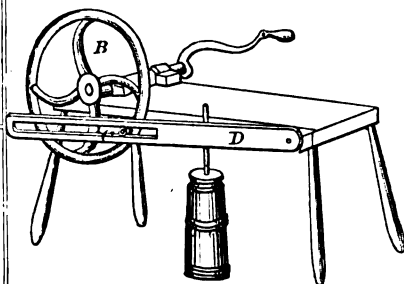
79031—J. A. Thompson—For Cleaning Intestines of Animals.



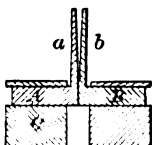
79032—D. H. Tierney—Bevel and Tapering Gauge.



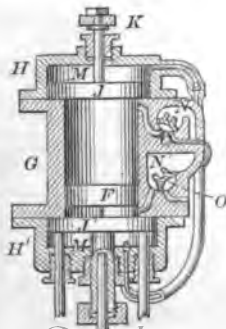
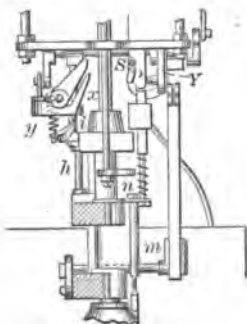
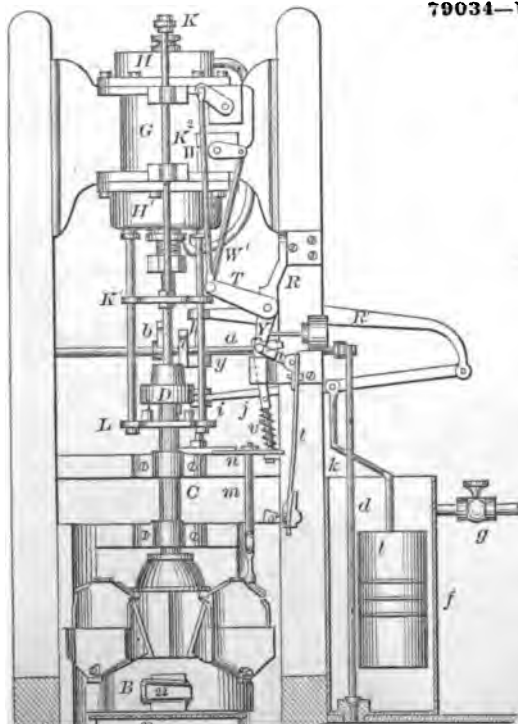
79035—W. H. & L. Waddell—Churn.



79036—W. Wallace—For Forming Lamp Tubes.



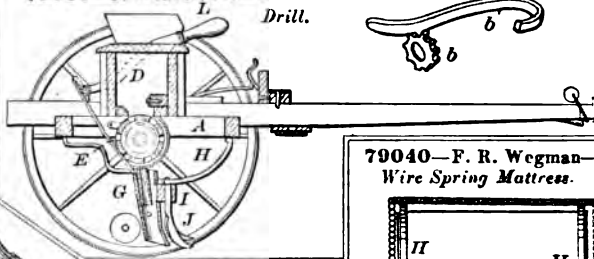
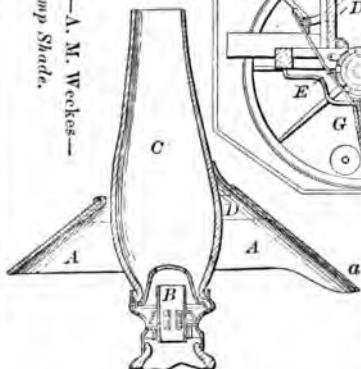
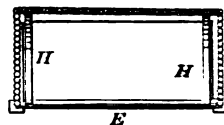
79034—Uren & Walker—Stamp Mill.



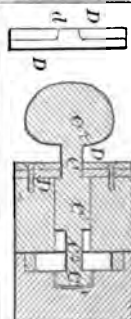
79037—E. Waterbury—Sewing Machine.



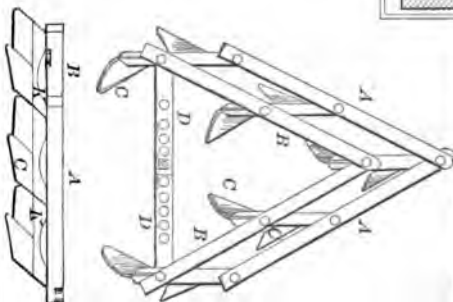
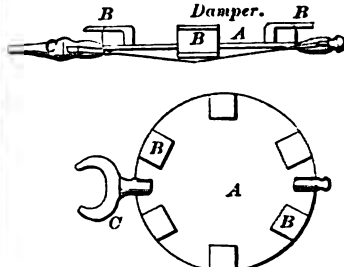
79038—J. Weaver, Jr.—Corn Planter and Seed Drill.

79039—A. M. Wecker—
Lamp Shade.79040—F. R. Wegman—
Wire Spring Mattress.

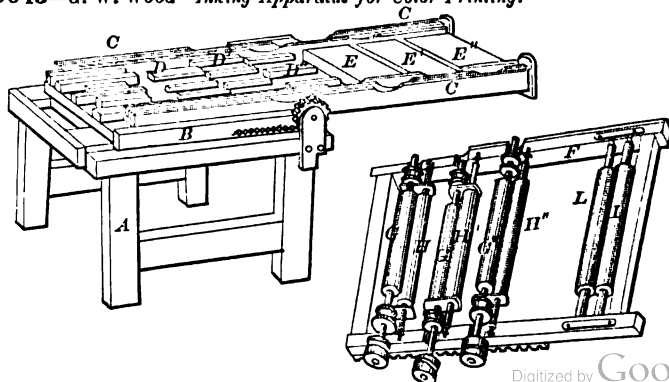
79047—F. Zoll—Shutter Fastening.



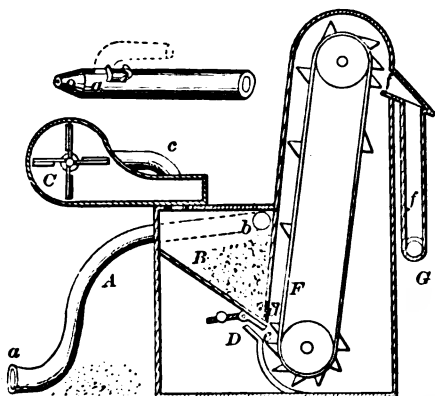
79042—F. R. Willson—Harrow.

79041—D. A. White—Store Pipe
Damper.

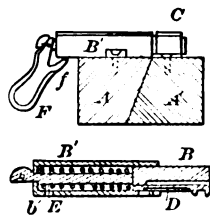
79043—G. W. Wood—Inking Apparatus for Color Printing.



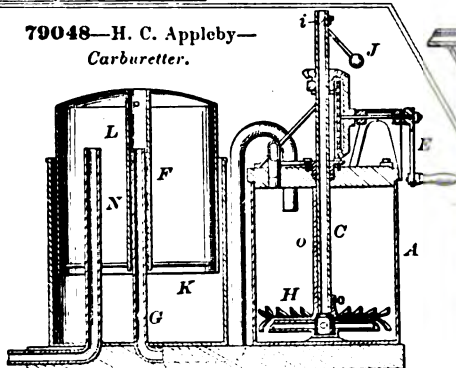
79044—S. W. Wood—Pneumatic Grain Elevator.



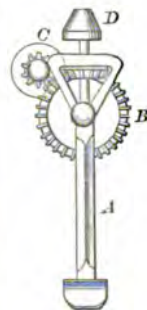
79046—F. Zell—Sash Fastener.



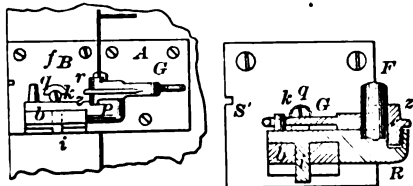
79048—H. C. Appleby—Carburetter.



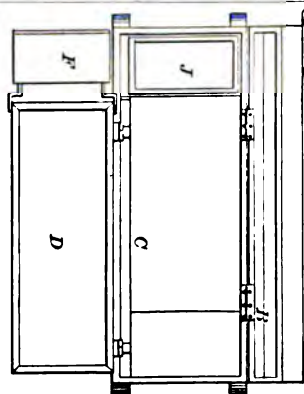
79049—D. W. Ayres—For Grinding Tools.



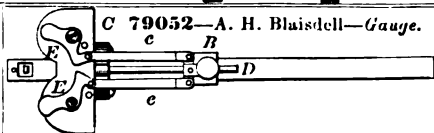
79051—E. H. Benjamin—Shutter Hinge.



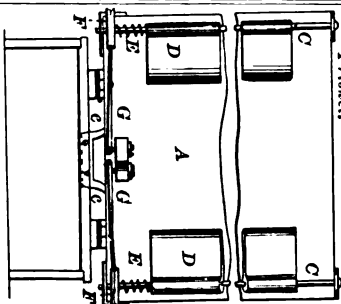
79050—L. H. Baker—Lounge.



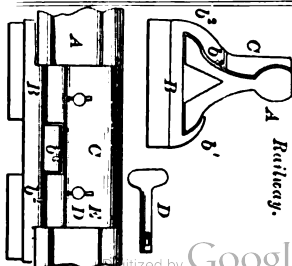
79052—A. H. Blaisdell—Gauge.



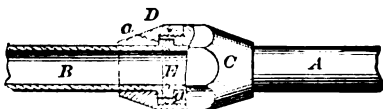
79053—Castle & Conner—Frickel.



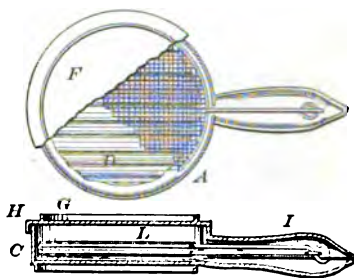
79054—J. G. Cross—A Ruticay.



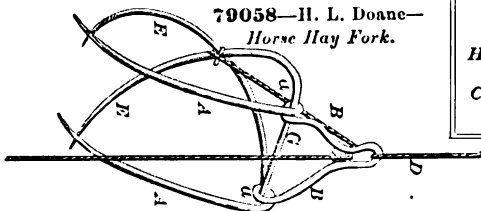
79055—I. Davis—Connection for Soft Metal Pipes.



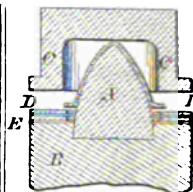
79056—C. Denn—Gridiron.



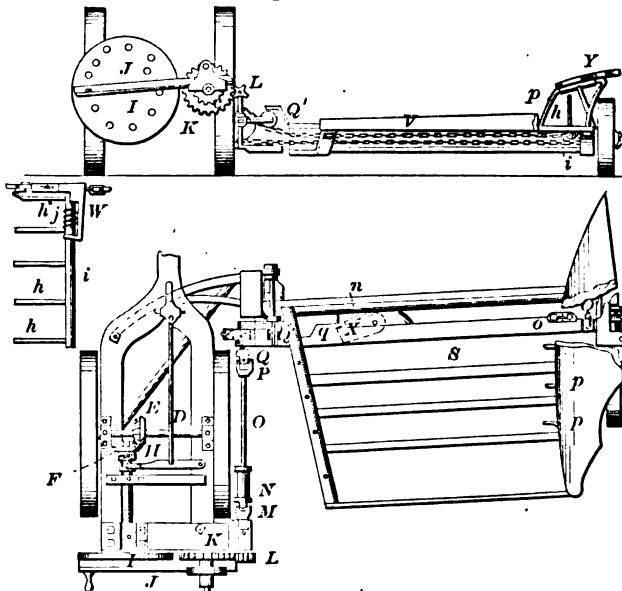
79058—H. L. Doane—Horse Hay Fork.



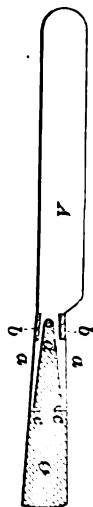
79059—J. Eberhardt—Hat Blocking Machine.



79057—H. F. W. Deterding—Harvester Rake.



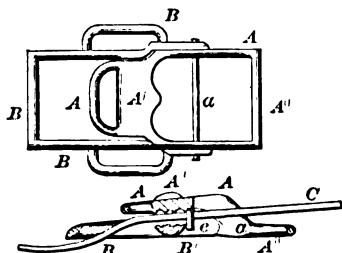
79061—R. H. Fisher—Cutlery.



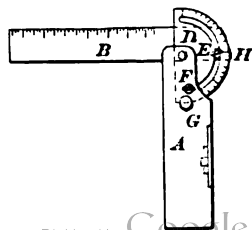
79063—T. J. Flagg—Necktie and Watch Guard.



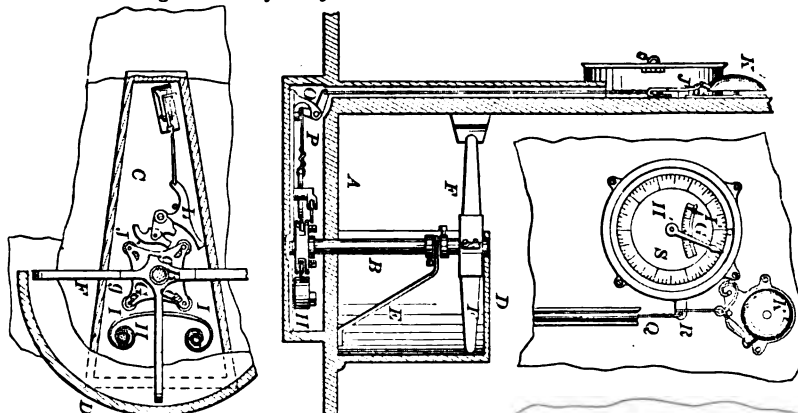
79064—M. Gayhart—Trace Buckle.



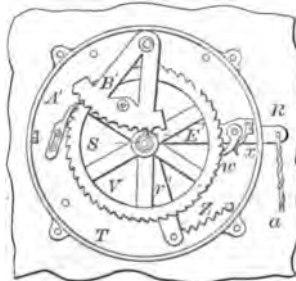
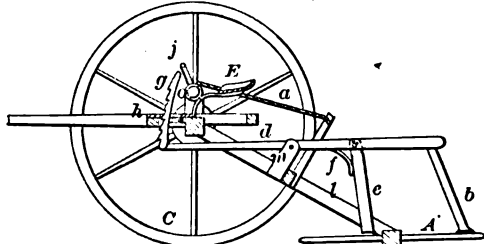
79062—W. T. Fisher—Bevel Square.



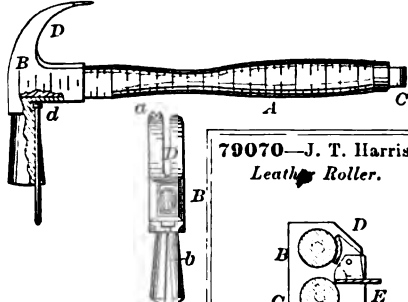
79060—J. Enright—*Passenger Register.*



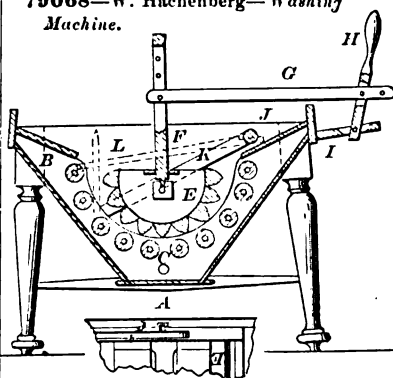
79065—J. Ginther—*Horse Rake.*



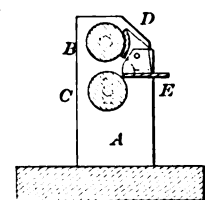
79066—J. H. Godwin—*Hammer.*



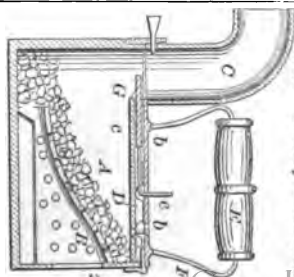
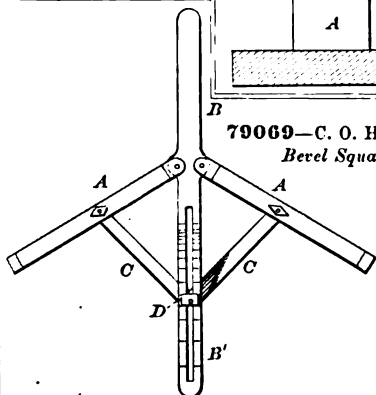
79068—W. Hachenberg—*Washing Machine.*



79070—J. T. Harris—*Leather Roller.*

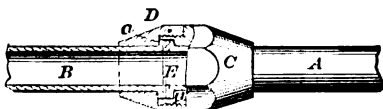


79069—C. O. Hansen—*Bevel Square.*

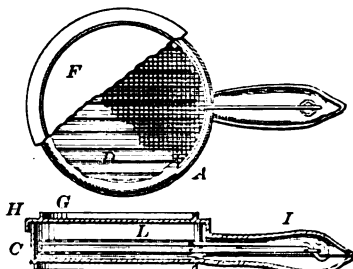


79067—J. Gray—*Seed Iron.*

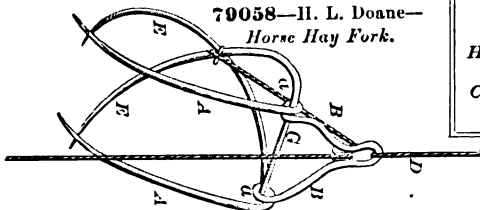
79055—I. Davis—Connection for Soft Metal Pipes.



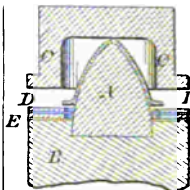
79056—C. Denn—Gridiron.



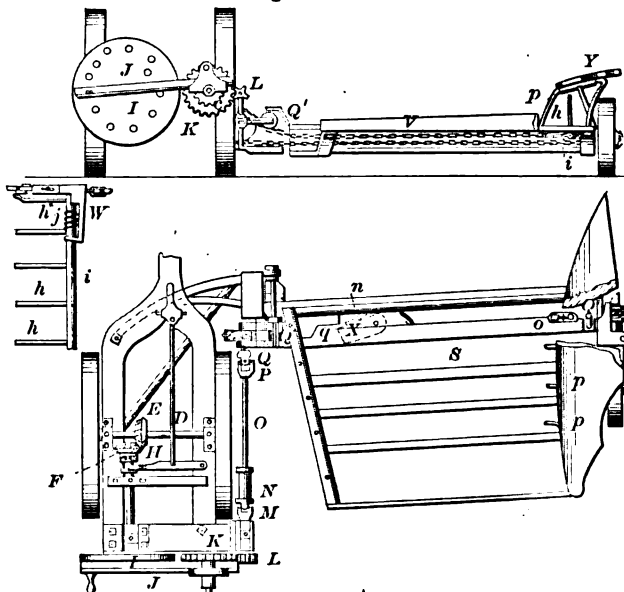
79058—H. L. Doane—Horse Hay Fork.



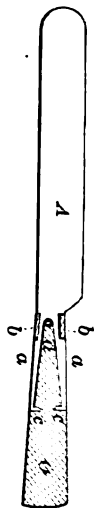
79059—J. Eberhardt—Hat Blocking Machine.



79057—H. F. W. Deterding—Harvester Rake.



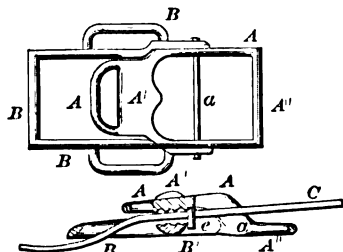
79061—R. H. Fisher—Cutlery.



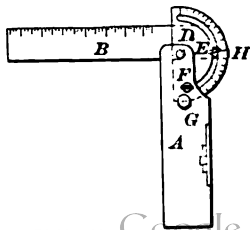
79063—T. J. Flegg—Necktie and Watch Guard.



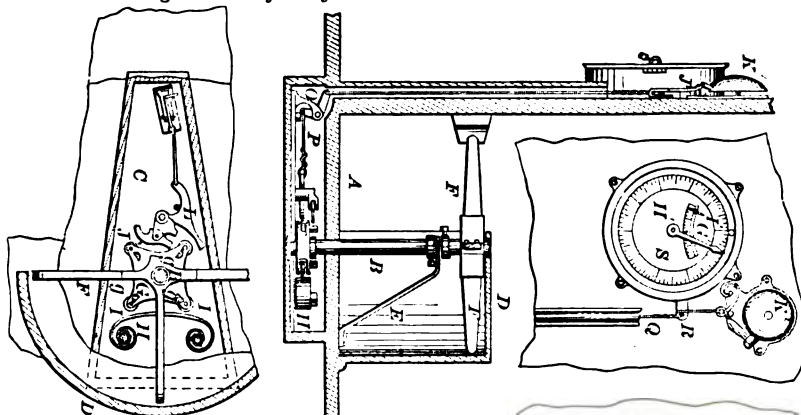
79064—M. Gayhart—Trace Buckle.



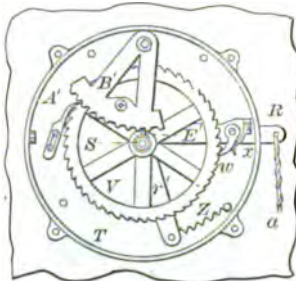
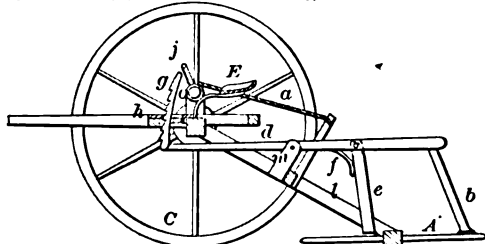
79062—W. T. Fisher—Bevel Square.



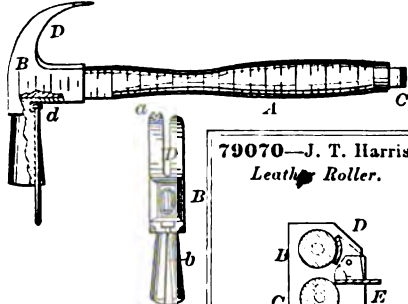
79060—J. Enright—*Passenger Register.*



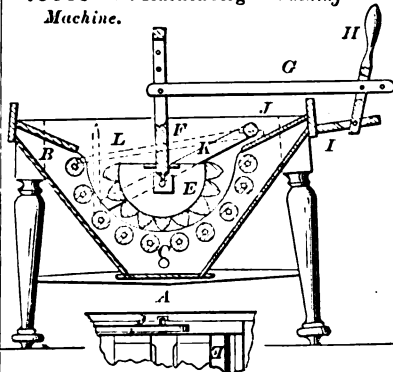
79065—J. Ginther—*Horse Rake.*



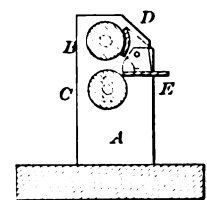
79066—J. H. Godwin—*Hammer.*



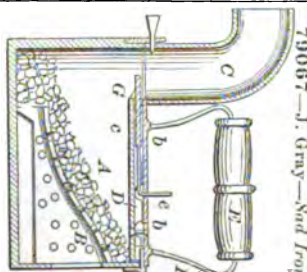
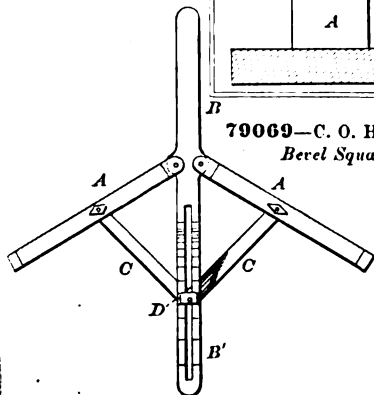
79068—W. Hachenberg—*Washing Machine.*



79070—J. T. Harris—*Leather Roller.*

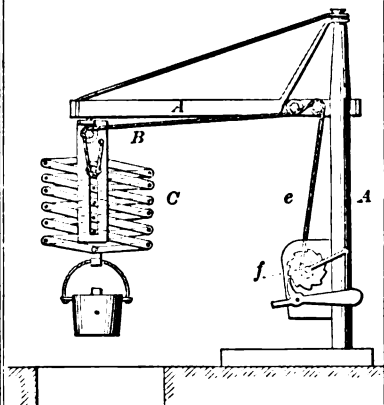


79069—C. O. Hansen—*Bevel Square.*

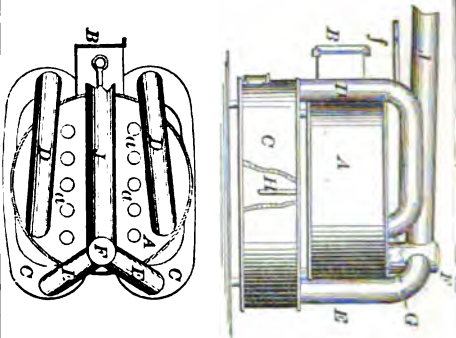


79067—J. Gray—*Sand Iron.*

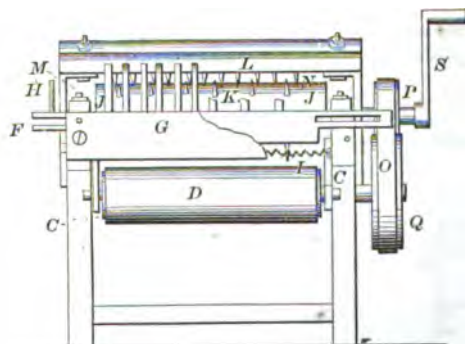
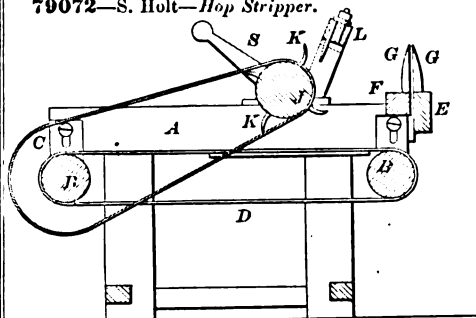
79071—D. Head—Hoisting Apparatus.



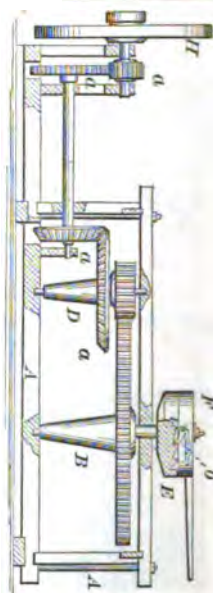
79075—Lee & Hardenbergh—Hot Air Furnace.



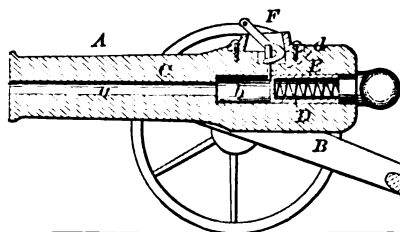
79072—S. Holt—Hop Stripper.



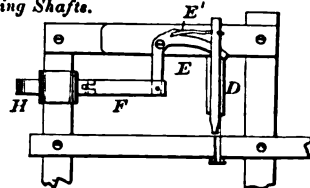
79074—J. H. Kleppinger—Horse Power.



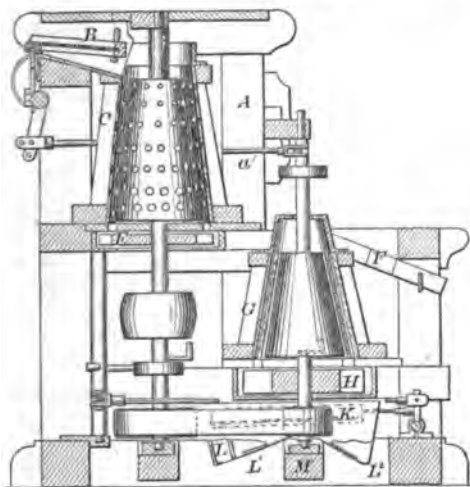
79073—G. E. Hutchinson—Toy Cannon.



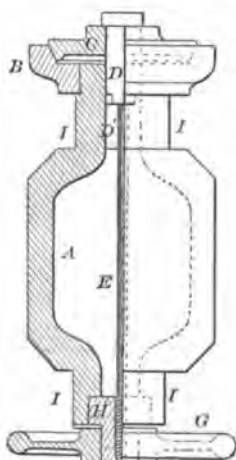
79076—E. O. Leermo—Safety Guard for Mining Shafts.



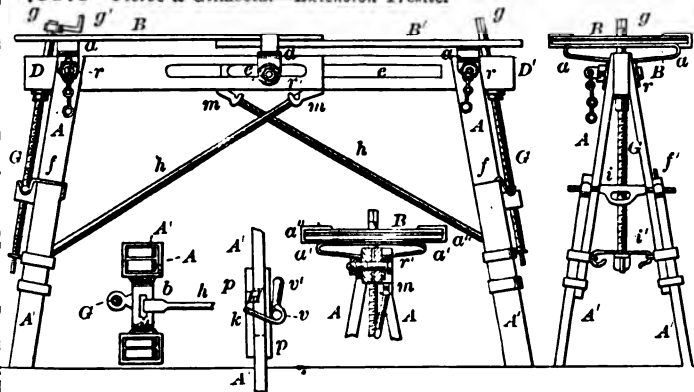
79077—C. Millar—Smut Machine.



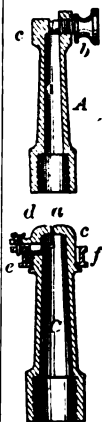
79080—W. T. Porter—For Stopping and Starting Calendar Rolls.



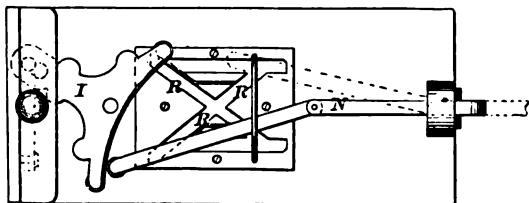
79079—Pierce & Glimsetal—Extension Trestle.



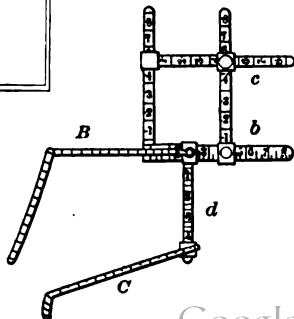
79081—A. C. Rand—Gas Burner.



79082—Roush & Truby—Organ.

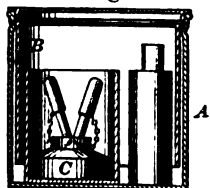


79083—Sinnott & McNaughton—Tailors Measure.

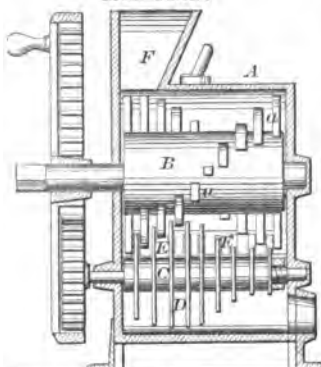


79084—J. Smallwood—Portable Stove.

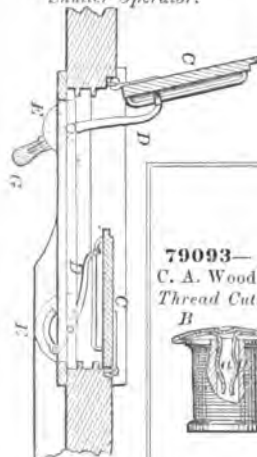
Fig. 2



79085—Stockstill & Dille—
Meat Cutter.



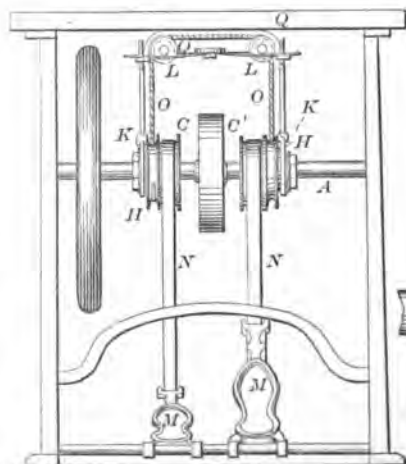
79086—M. Streeter—
Shutter Operator.



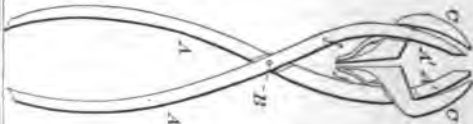
79093—
C. A. Woodbury—
Thread Cutter.



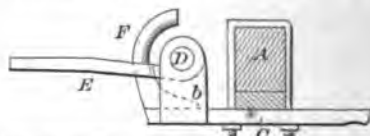
79092—K. J. Winslow—For
Converting Motion.



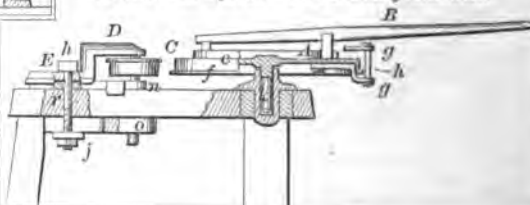
79087—P. Thompson—*Shoe Laster.*



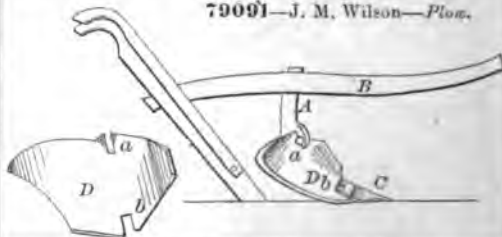
79088—J. P. Thorp—*Thill Coupling.*



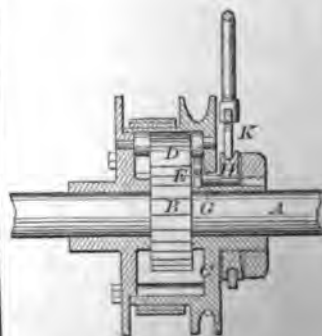
79089—R. Tyrrell—*Tire Bending Machine.*



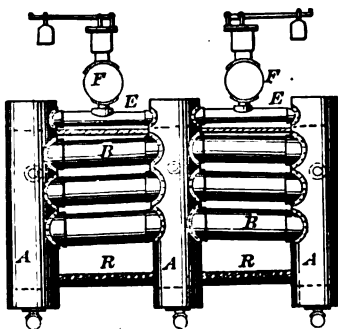
79091—J. M. Wilson—*Plow.*



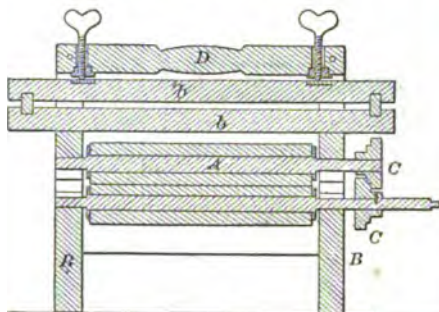
79090—R. A. Webster—*Inner Sole.*



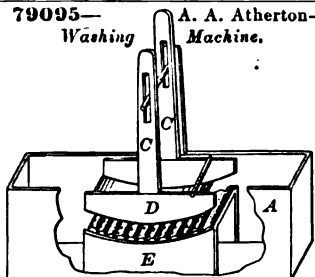
79094—J. Armstrong—Steam Generator.



79096—A. M. Bailey—Wringer.



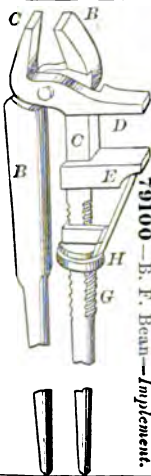
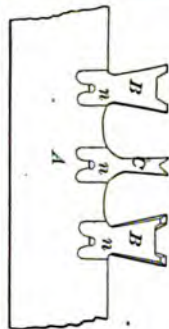
79095—A. A. Atherton—Washing Machine.



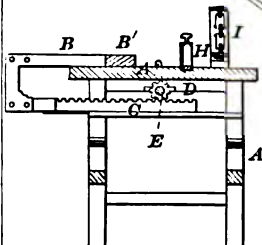
79097—F. Baker—Cultivating Hops.



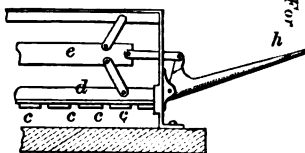
79099—S. Barry—Saw.



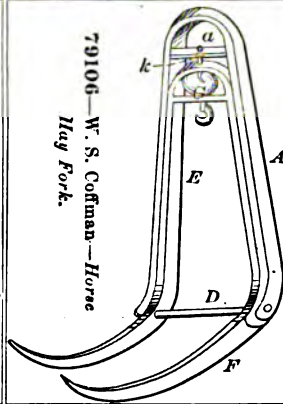
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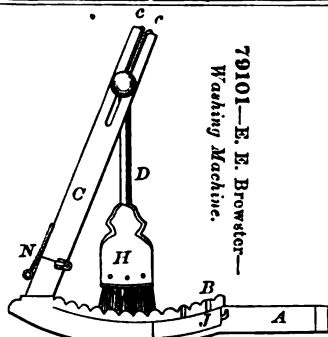
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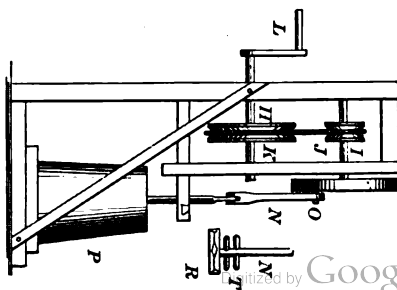
79106—W. S. Coffman—Horse Hay Fork.



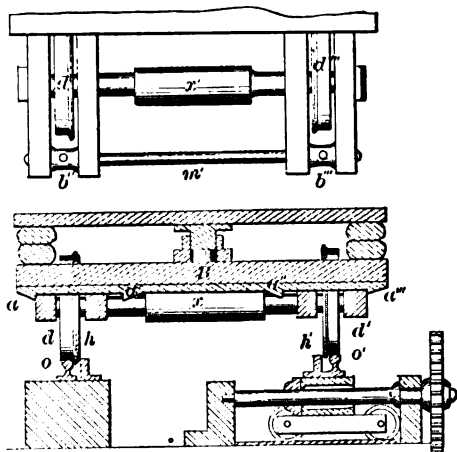
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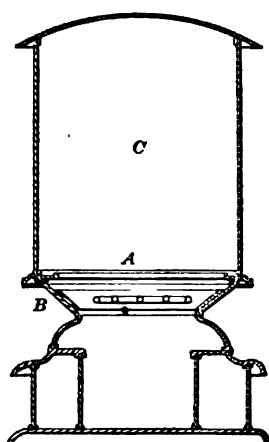
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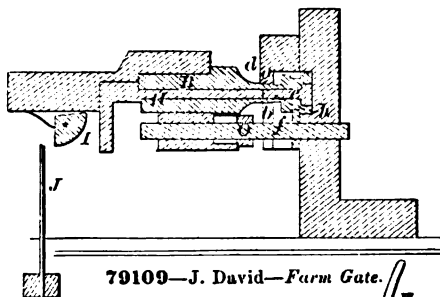
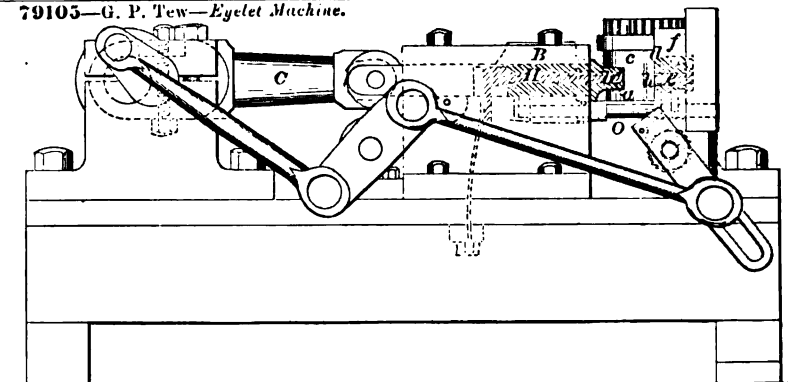
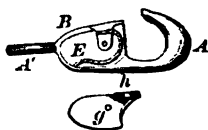
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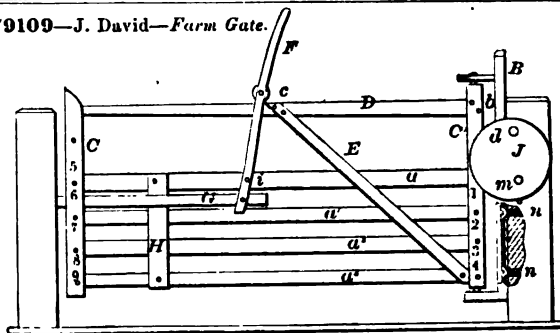
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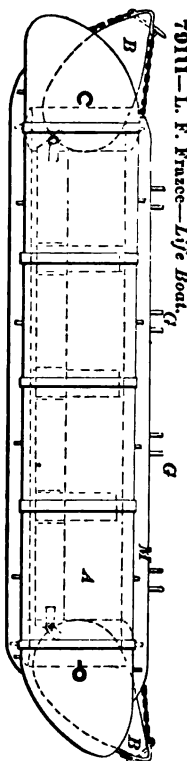
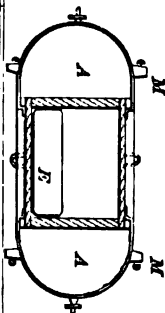
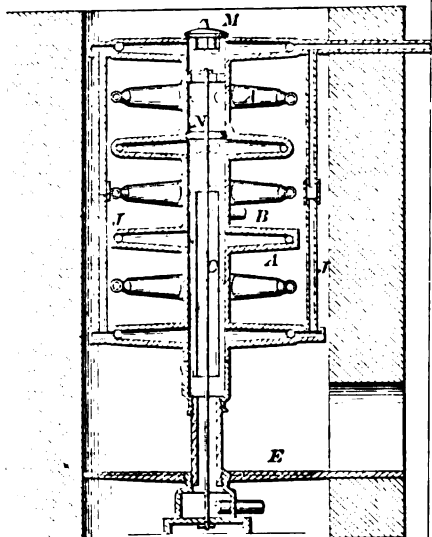
79105—G. P. Tew—Eyelet Machine.

79107—E. A. Cooper—
Harness Snap.

79109—J. David—Farm Gate.

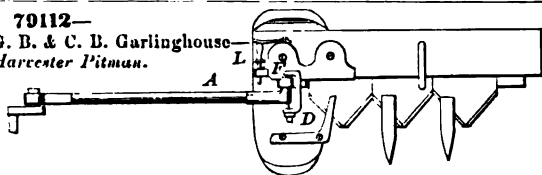


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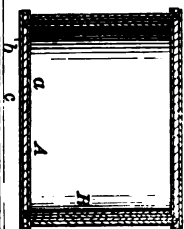
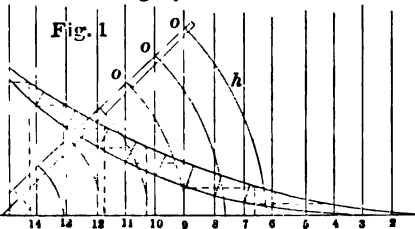
79111—L. F. Furness—Furnace-Lift Boat.

79112—
G. B. & C. B. Garlinghouse
Harvester Pitman.



79114—W. Hagerty—Steamboat Hull.

Fig. 1

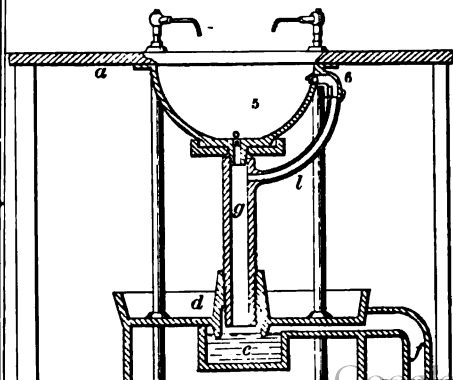


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Furn.

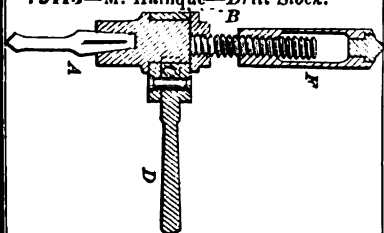
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Clamp.

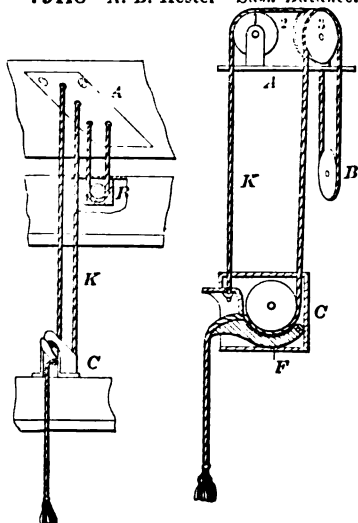
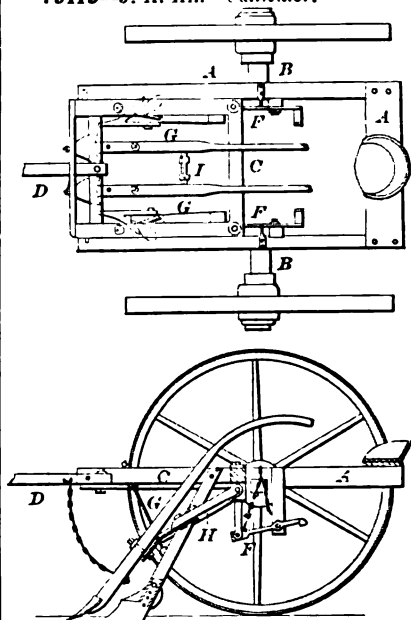
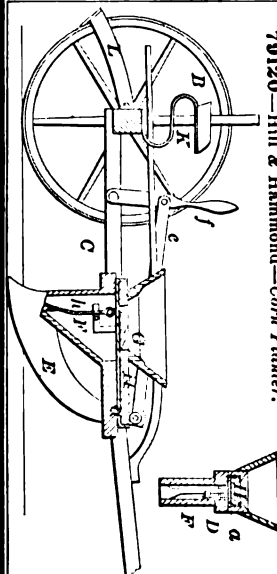
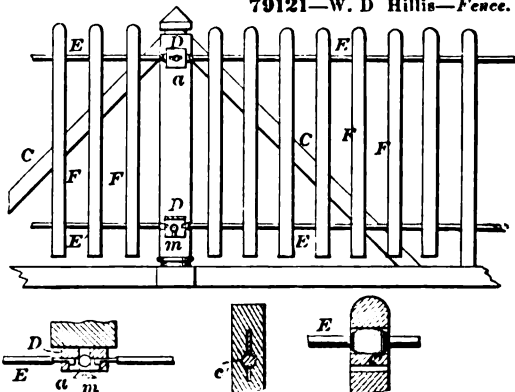
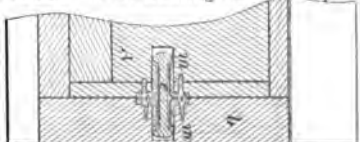
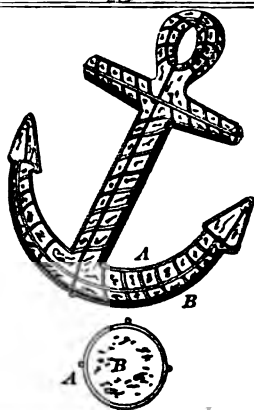


79117—B. Havanagh—Wash Basin Pipe.

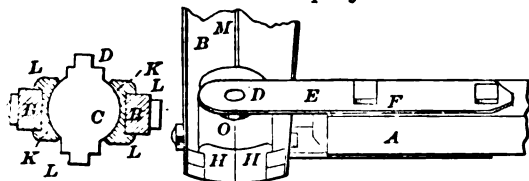


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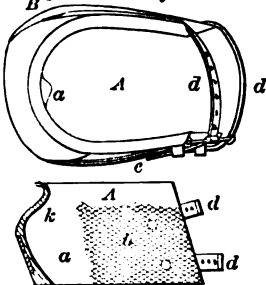


79118—A. B. Hester—*Sash Balance.*79119—J. H. Hill—*Cultivator.*79120—Hill & Hammond—*Corn Planter.*79121—W. D. Hillis—*Fence.*79123—A. Holbrook, Jr.—*Book Binding.*79125—S. W. Huntington—*Door Spring.*79122—C. Hooburn—*Flower Frame.*

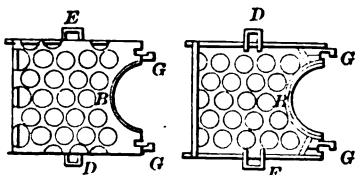
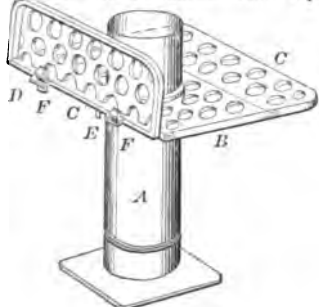
79124—J. F. Hollister—Door Spring.



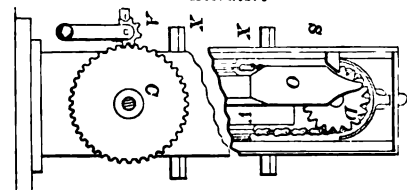
79128—W. H. Jones—
B Quarter Boot for Horses.



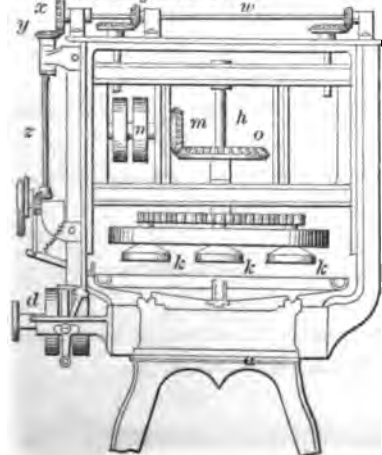
79127—H. C. Johnson—Store Pipe Shelf.



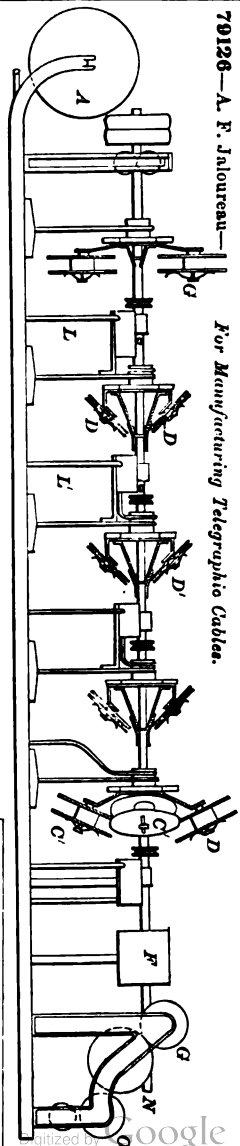
79129—G. Joslin—Elevator.



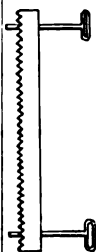
79131—Kendall & Hathaway—For
Grinding Glass Plates.



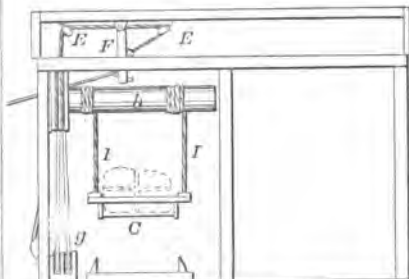
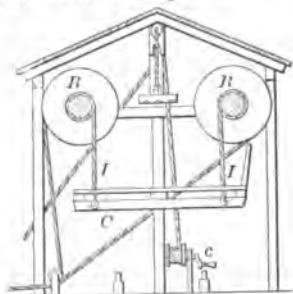
79126—A. F. Jaloureau—
For Manufacturing Telegraphic Cables.



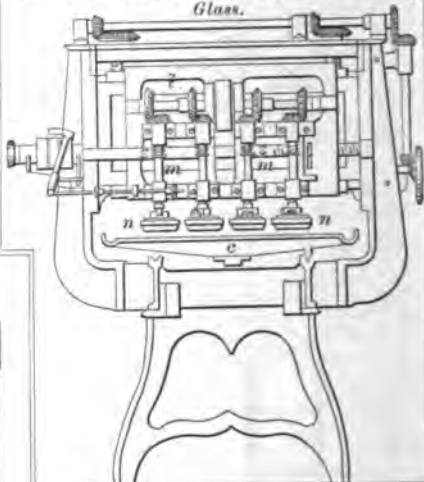
79133—A. Kirkpatrick—For
Shielding Plates from Hoes.



79130—H. Keck—Hay Elevator.



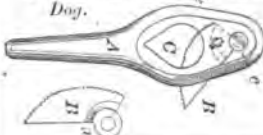
79132—Kendall & Hathaway—For Polishing Glass.



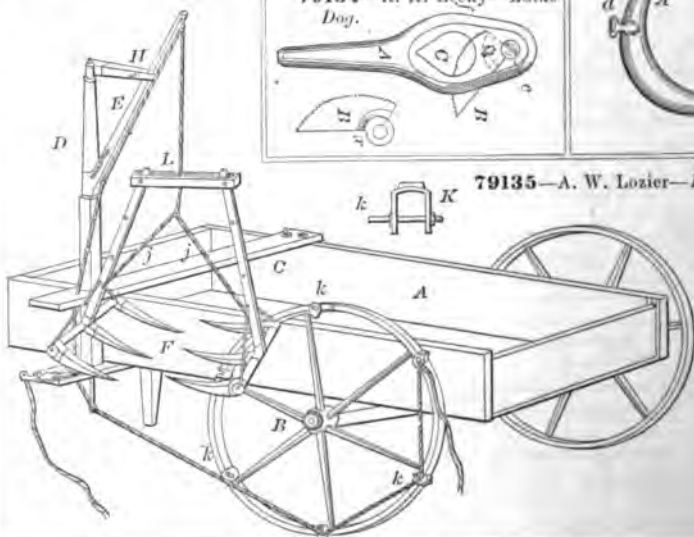
79137—C. K. Marshall—Horse Collar.



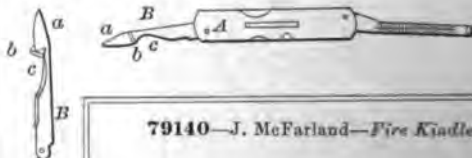
79134—R. H. Lecky—Lathe Dog.



79135—A. W. Lozier—Hay Loader.



79139—J. E. McBeth—Pocket Knife.

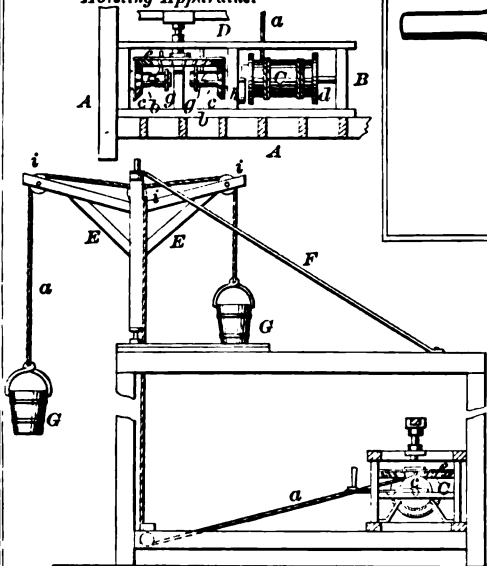


79140—J. McFarland—Fire Kindler.

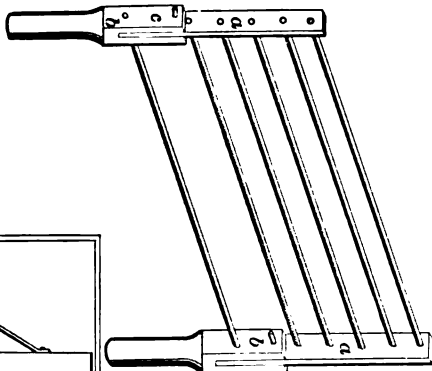


79136—Lyder & Shreve—Slicing Belting.

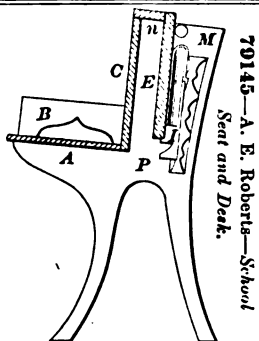
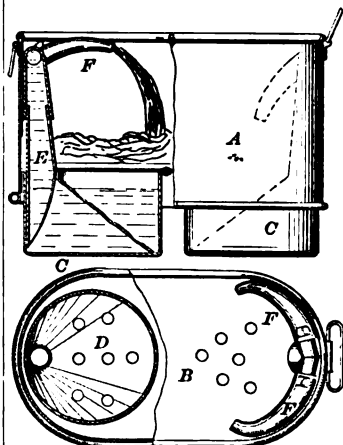
**79138—Marshall & Schroeder—
Hoisting Apparatus.**



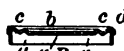
79141—W. McFarlin—Fence.



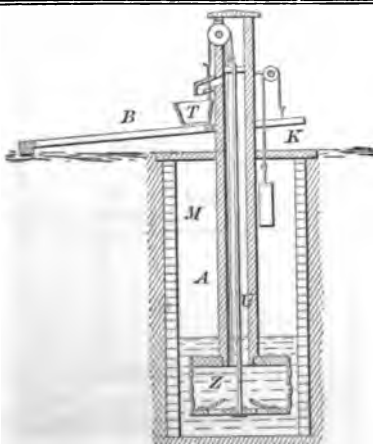
79142—C. E. Miller—Wash Boiler.



79145—A. E. Roberts—Seat and Deck.

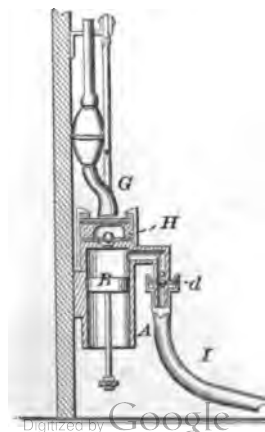


79144—C. T. Palmer—Spruce Can.

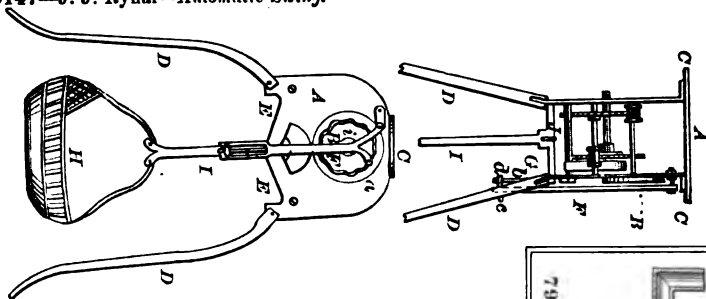


79140—A. H. Russell—Stock Pump.

79143—G. F. Nutting—Pump.



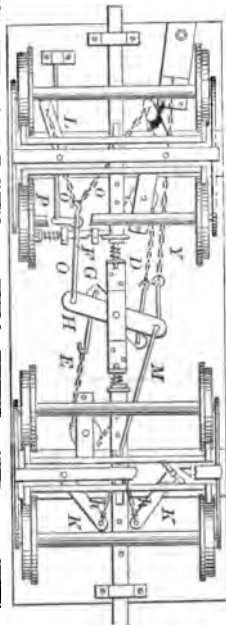
79147—J. J. Rynal—Automatic Swing.



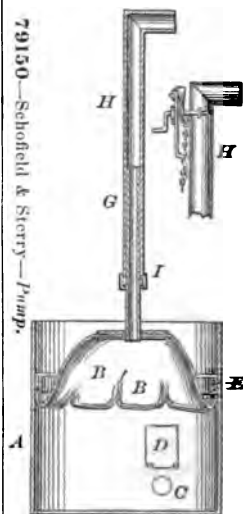
79148—L. E. Sallee—Leather Work Ornament.



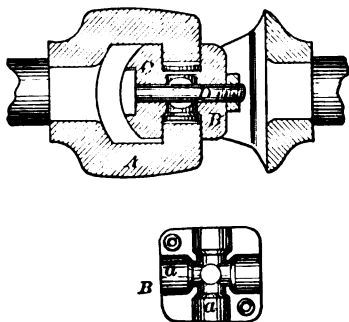
79149—A. H. Nassman—Cue Bridge.



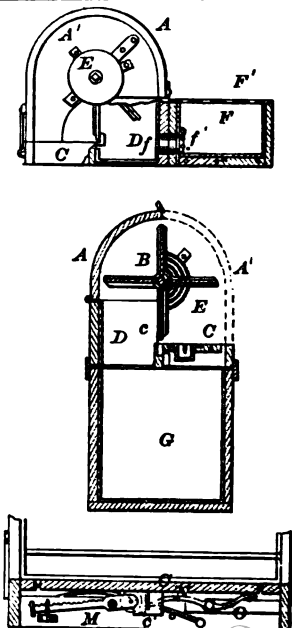
79150—Schofield & Storry—Pump.

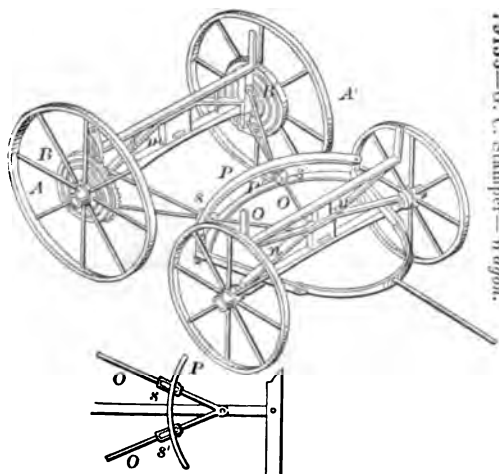


79153—W. Smead—Joint Coupling.



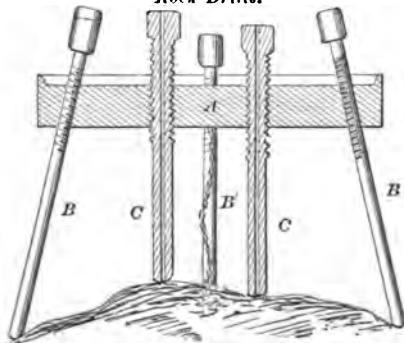
79154—G. C. Stamper—Animal Trap.



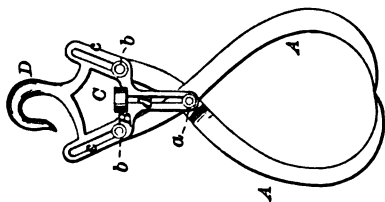


79155—G. C. Stamper—Wagon.

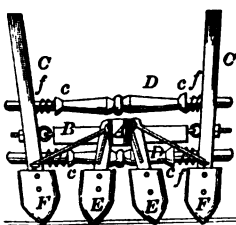
79158—Sweeney & Bradburn—Platform for Rock Drills.



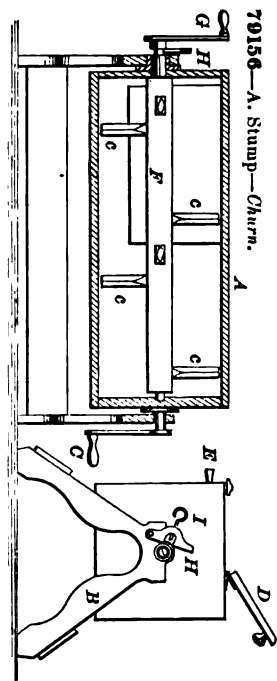
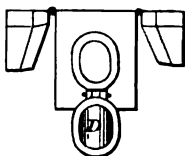
79159—J. D. Sweetland—Hook.



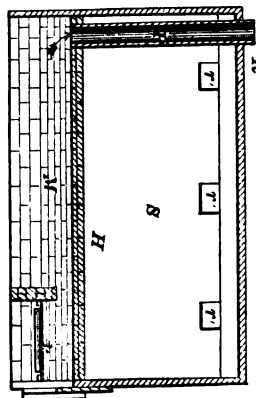
79161—E. Terril—Cultivator.



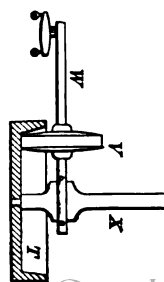
79162—L. Thomas—Bottle Mould.



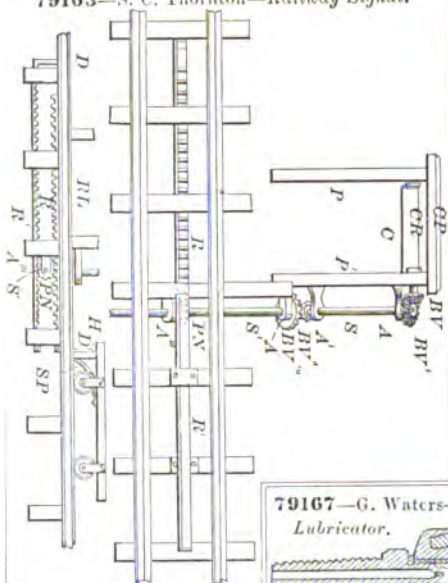
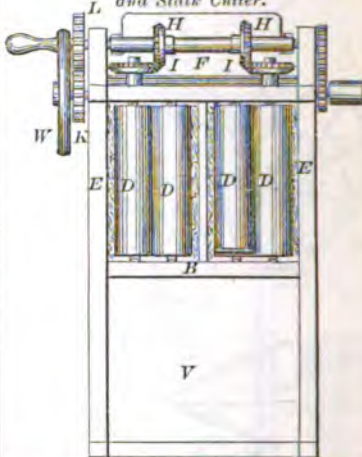
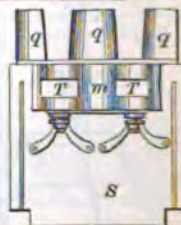
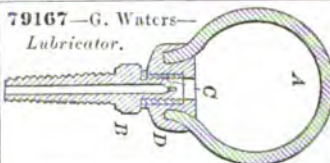
79156—A. Stump—Churn.



79160—D. A. Ter Hoeven—Manufacture of Fertilizers.



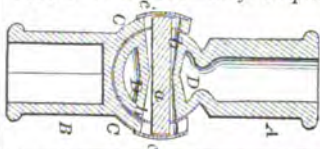
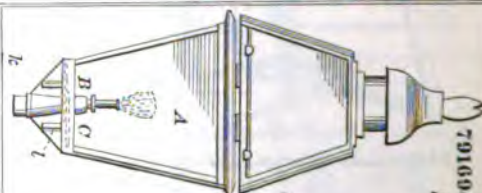
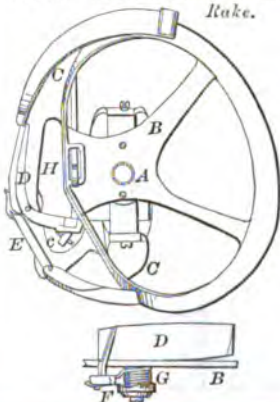
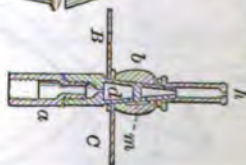
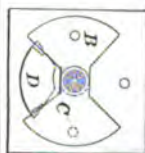
79163—S. C. Thornton—Railway Signal.

79165—Warriner & Baker—Corn Husker
L. and Stalk Cutter.79167—G. Waters—
Lubricator.

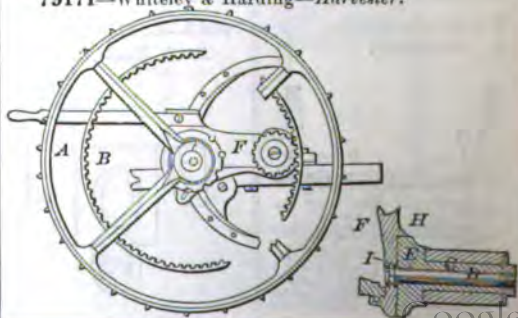
79165—S. D. Wackman—Vehicle Axle.

79164—H. M. Viles—
Cheese Hoop.

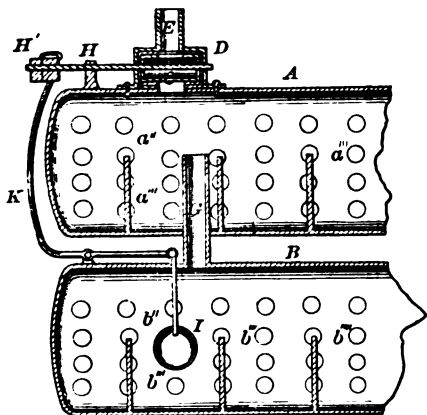
79166—S. Wheeler—Shaft Coupling.

79170—W. N. Whiteley—Harvester
Rake.79169—W. O. Wheeler—
Street Lamp.

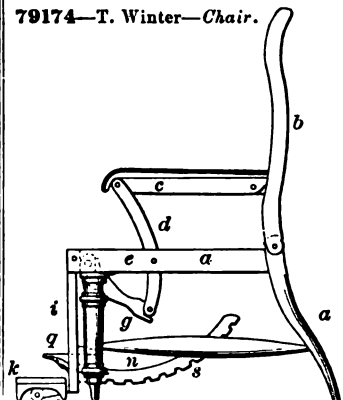
79171—Whiteley & Harding—Harvester.



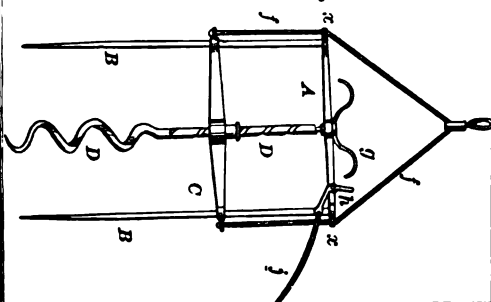
79172—R. Wilde—Steam Generator.



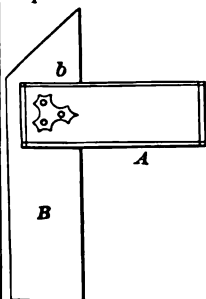
79174—T. Winter—Chair.



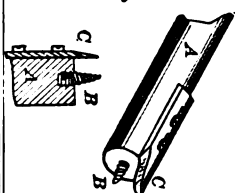
79173—H. Willard—Horse Hay Fork.



79175—W. S. Winterbottom—Square and Mitre.



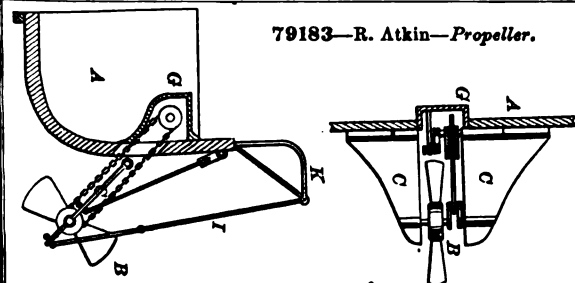
79181—F. T. Andrew—For Testing Shoe Soles.



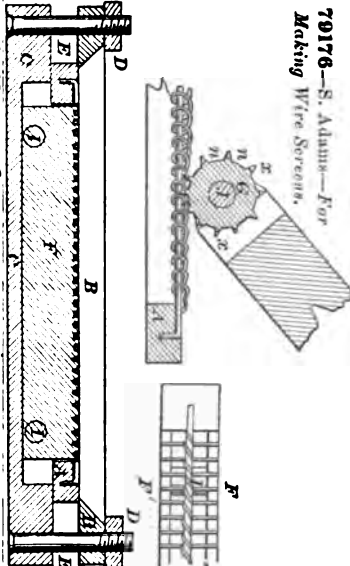
79180—R. B. Anderson—Securing Buckles to Harness.



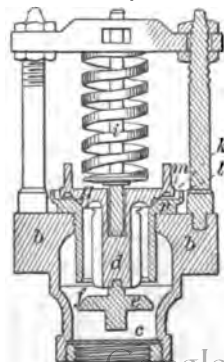
79183—R. Atkin—Propeller.



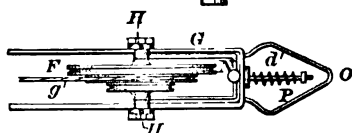
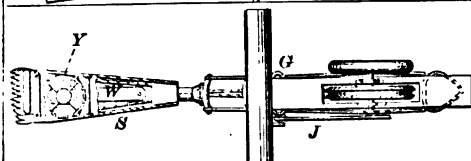
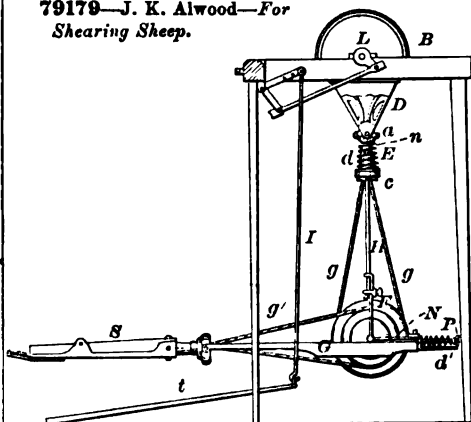
79176—S. Adams—For Making Wire Screens.



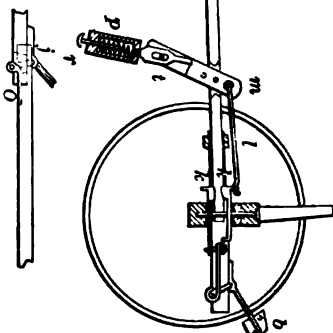
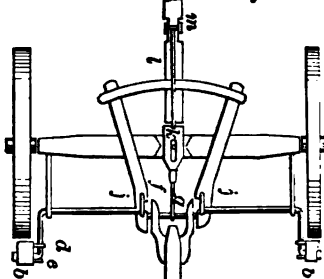
79182—E. H. Ashcroft—Steam Safety Valve.



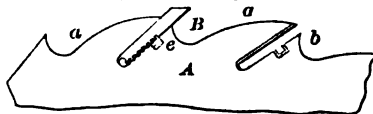
**79179—J. K. Alwood—For
Shearing Sheep.**



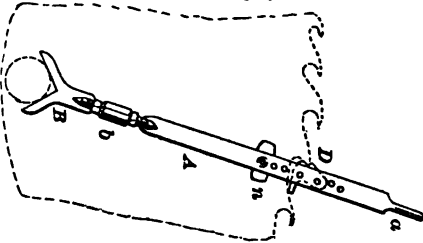
79186—W. Ballard—Carriage Brake.



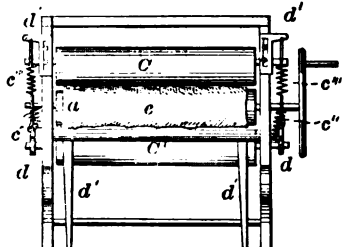
79185—J. G. Baker—Saw.



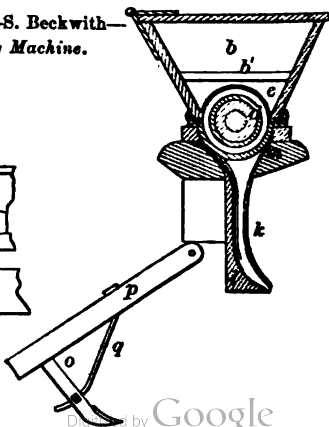
79184—J. G. Baker—Swage for Circular Saw.



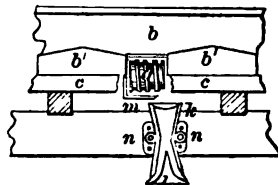
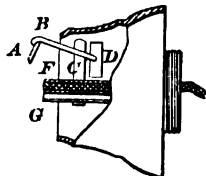
79188—J. Beaumont—Mangle.



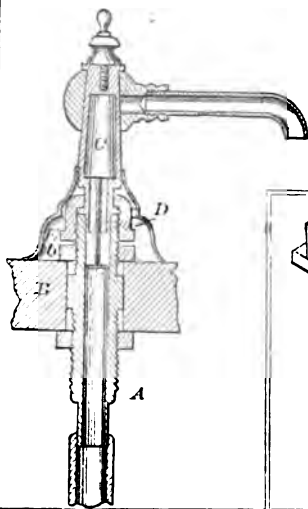
**79189—S. Beckwith—
Seeding Machine.**



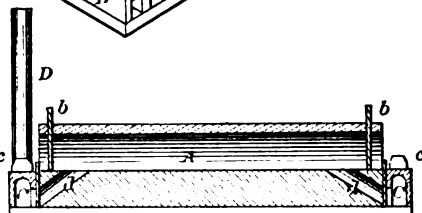
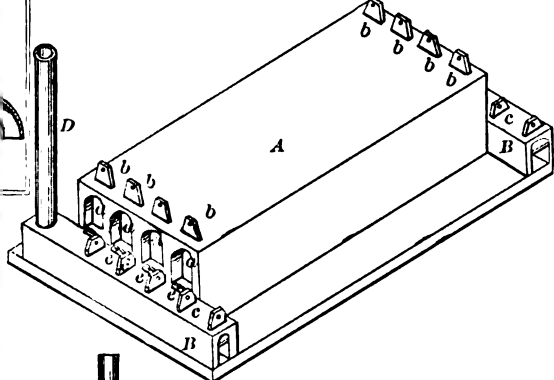
**79187—
S. J. Batchelder—
Lamp Extinguisher.**



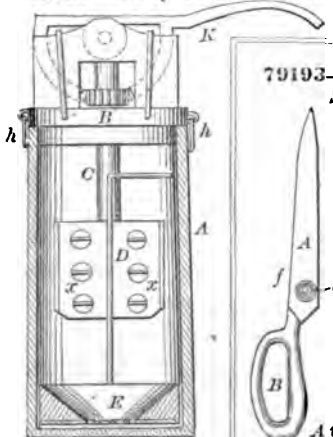
79190—J. Benson—Faucet.



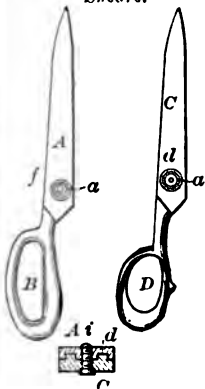
79192—E. W. Bingham—Brick Drying Kiln.



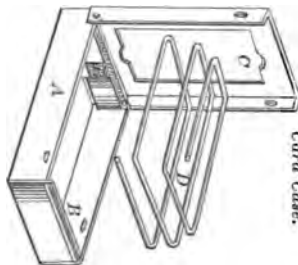
79197—Bradly & Jordan—Churn.



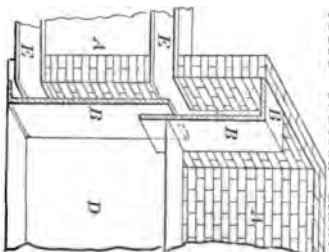
79193—C. Bishop—Shears.



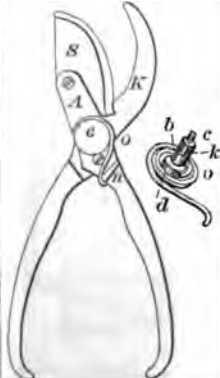
79194—C. C. Blakemore—Curd Case.



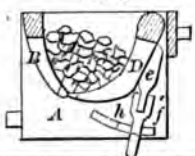
79199—J. Brown—Sifter.



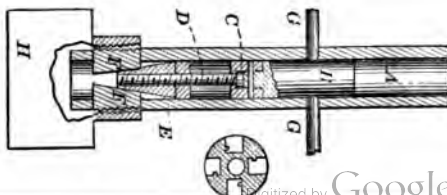
79191—G. Bergner—Shears.



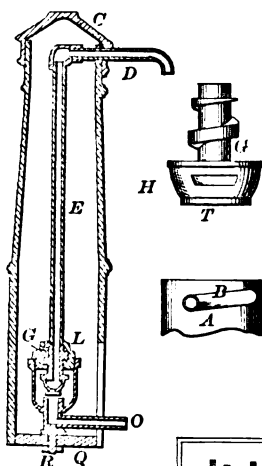
79195—E. Bosdevex—Gate.



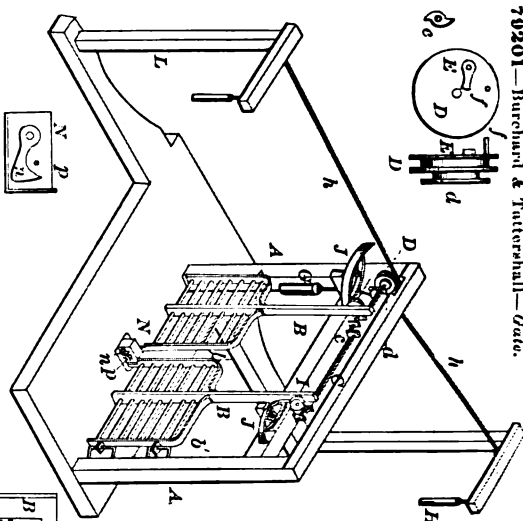
79198—J. Brewer—Mandrel.



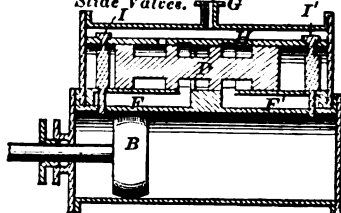
79200—T. Brown—
Hydrant.



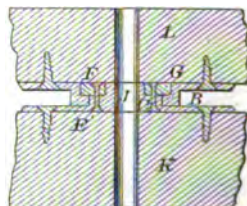
79201—Burchard & Tuttershall—Gate.



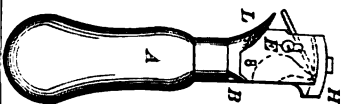
79204—I. Church, Jr.—Operating
Slide Valves.



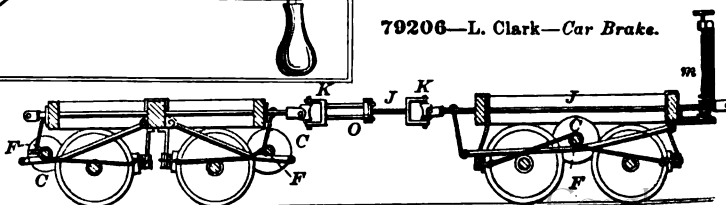
79205—J. B. Clark—Whiffletree Plate.



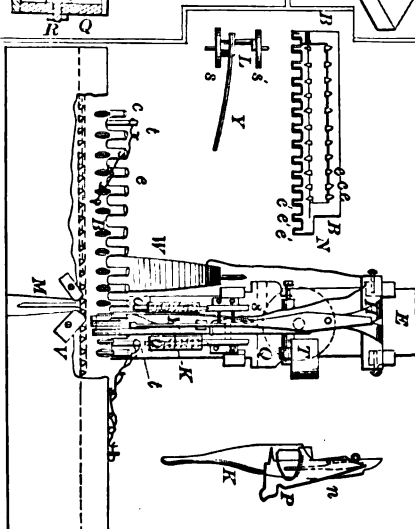
79203—Buxton & Crosby—Edge Plane
for Boots.



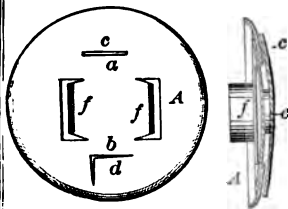
79206—L. Clark—Car Brakes.



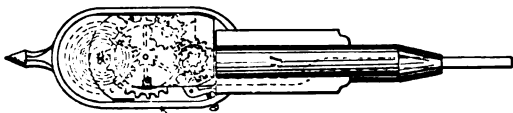
79202—Burton & Nelson—Knitting Machine.



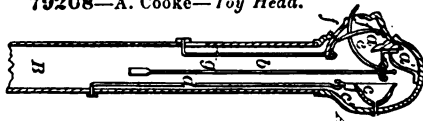
79207—A. Clow—Guiding Plate for Filling Shuttles.



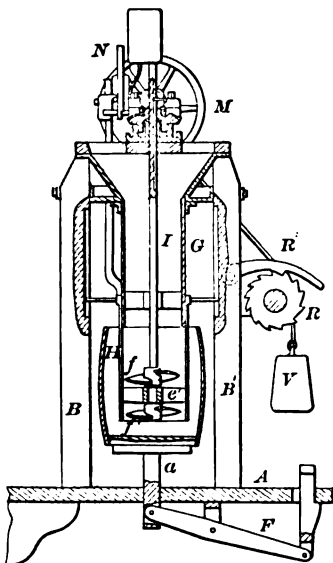
79209—C. Corliss—For Adding Figures.



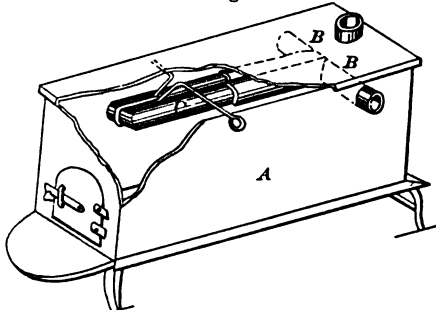
79208—A. Cooke—Toy Head.



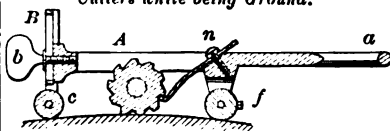
79211—C. Custer—Flour Packer.



79212—D. W. Cutting—Stove Drum.



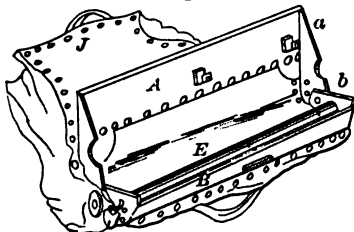
79213—H. Disston—For Holding Rotary Cutters while being Ground.



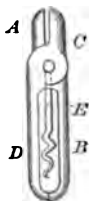
79210—A. J. Cross—Hoop Stiff Clasp.



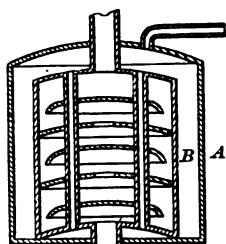
79214—D. F. Dodge—Mail Bag.



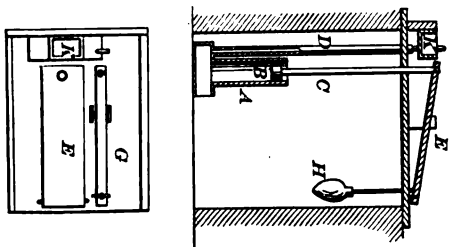
79216—J. E. Barle—Cornerer.

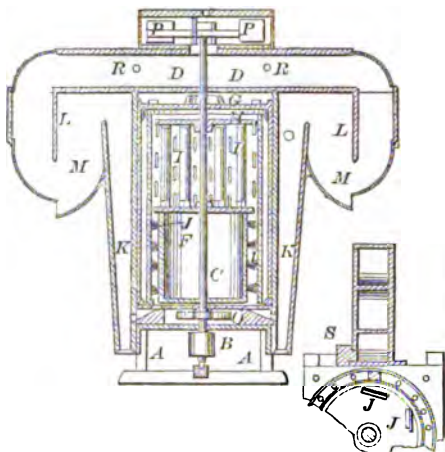
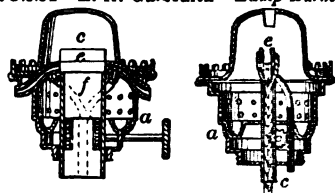
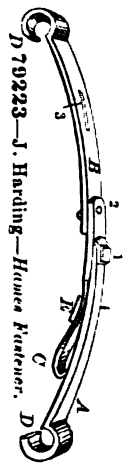
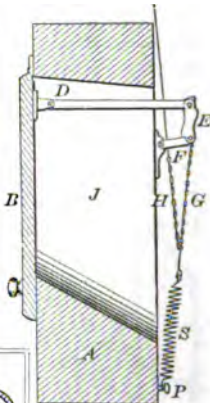
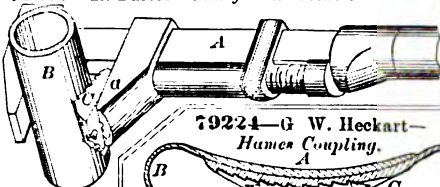
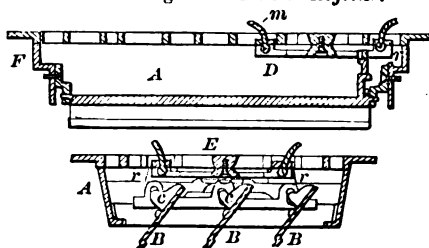
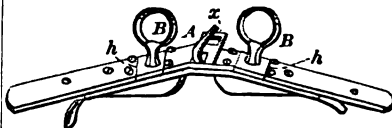
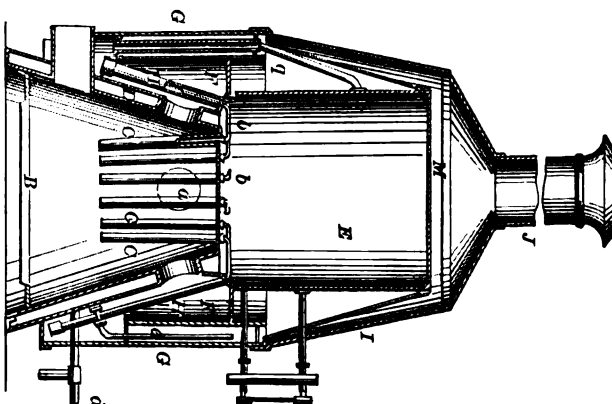
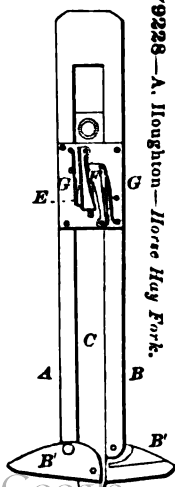


79215—E. Dunscorn—Steam Generator.

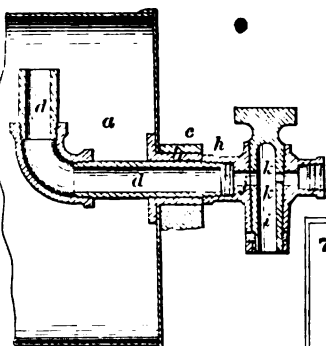


79217—C. F. Westlake—Pump.

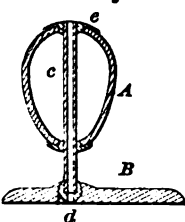


79218—Ewan & Glenn—*Smut Mill.*79221—E. A. Galbraith—*Lamp Burner.*79222—C. P. Gorely—*Letter Box.*79219—R. Faries—*Jaw for Wrenches.*79224—G. W. Heckart—*Hames Coupling.*79226—W. Highton—*Hot Air Register.*79227—A. L. Hill—*Fastening Check Hooks and Terrets.*79225—H. Heine—*Steam Generator.*79228—A. Houghton—*Horse Hay Fork.*

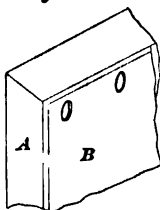
79230—W. Jones—Gas Heater.



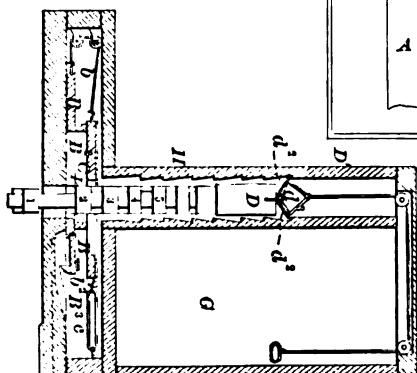
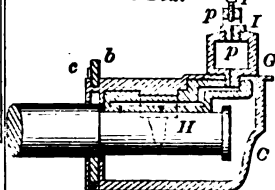
79231—B. Joseph—
Pessary.



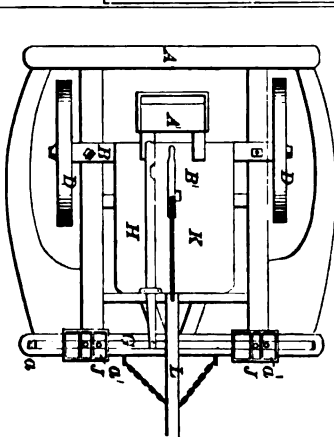
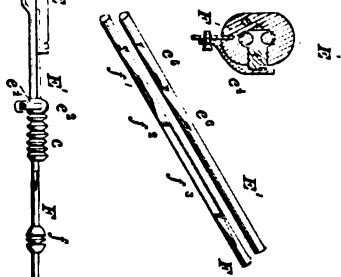
79234—F. A. Kraft—
Zincing Iron.



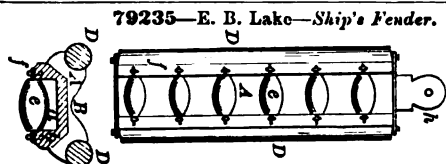
79238—I. S. Lister—
Arlic Box.



79233—J. King—Billiard
Register.

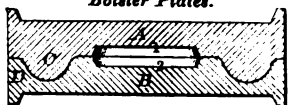


79236—C. L. Lee—Cultivator and Planer.

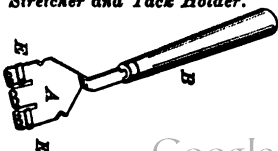


79235—E. B. Lake—Ship's Fender.

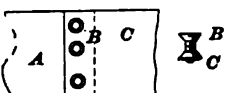
79237—Lewis & Oliver—Manufacturing
Bolster Plates.



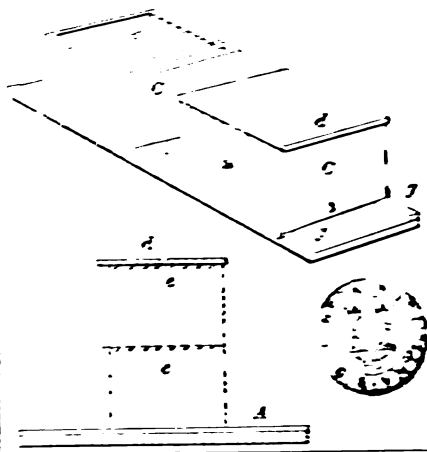
79242—R. M. Mansur—Carpet
Stretcher and Tack Holder.



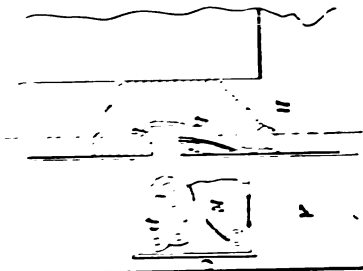
79239—T. S. Livermore—Belt Coupling.



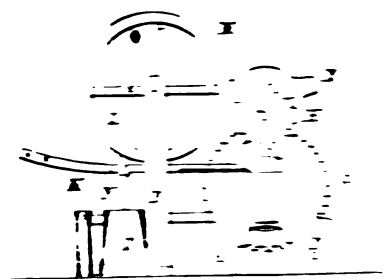
79213—J. N. D. m. i. — *See m.*



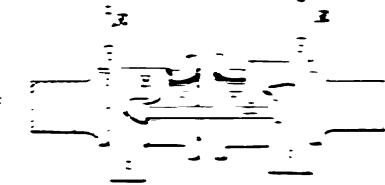
79214—E. N. 71—S. & Farmer.



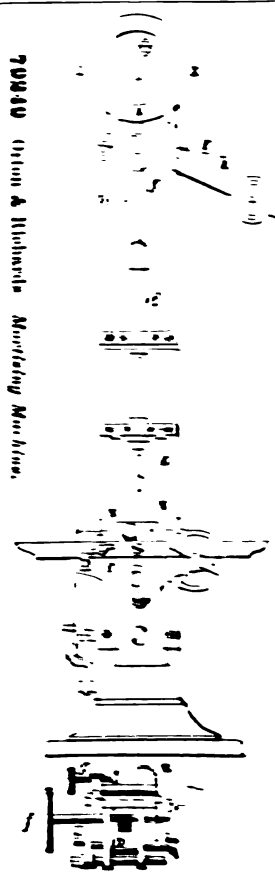
79215—E. N. 71—S. & Farmer.



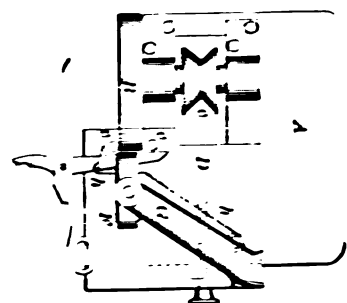
79216—E. N. 71—S. & Farmer.



79217—Cotton & Richards—Mortising Machine.



79218—Morse & Collins—
Morse's Sharpener.



79219—J. M. Moyer—Brick Dryer.

